



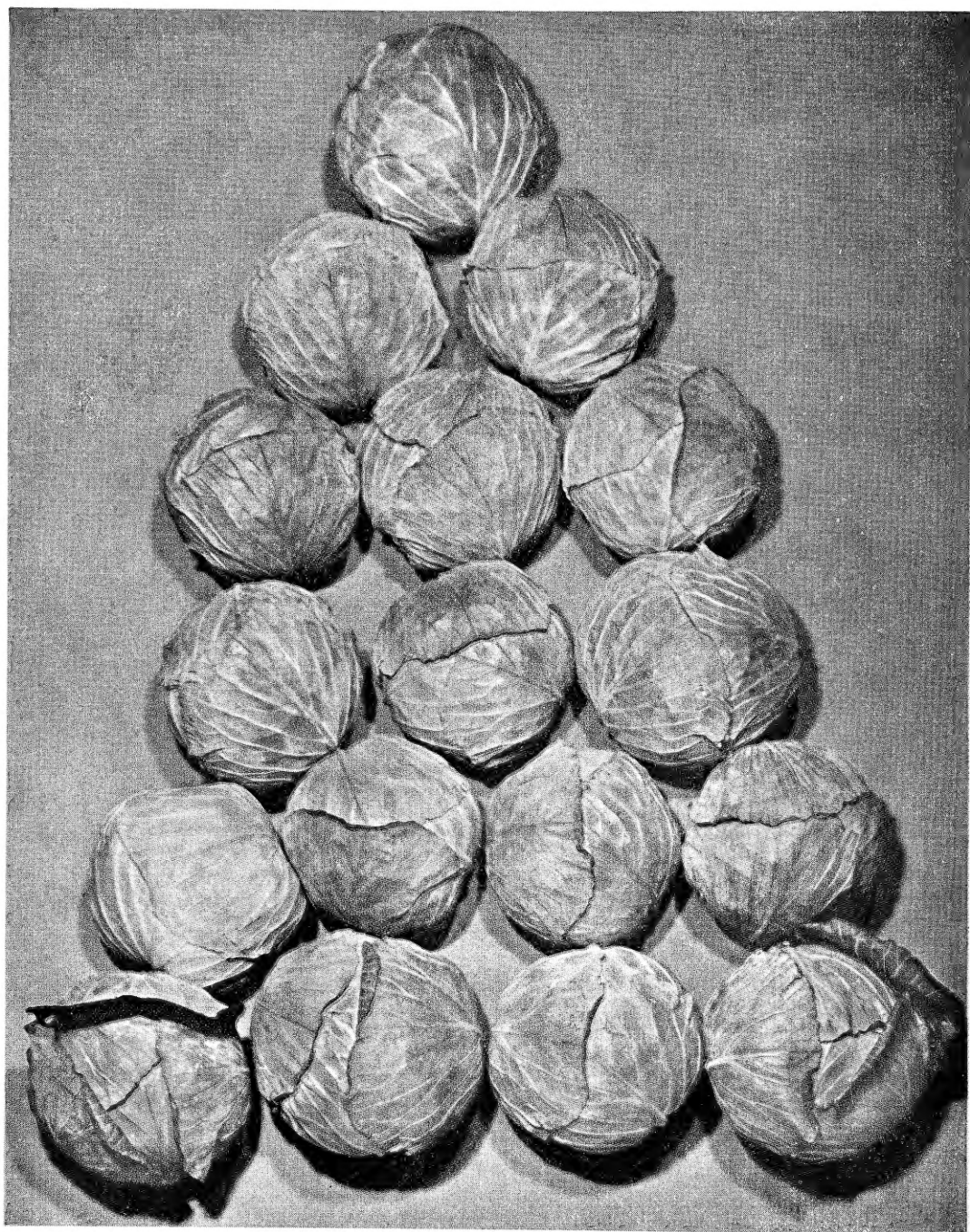
OREGON GROWN DAHLIAS
(Named Inside This Cover)

GILL BROS. Seed Co.

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Montavilla Station
Portland 16,
Oreg.

Spring Catalog 1961



Picture of SEIDL BALLHEAD CABBAGE

Two Great Ballhead Types of Cabbage

The Seidl Ballhead and Oregon Ballhead are national leaders. Seidl Ballhead (see above) was originated near Portland, Ore. For several years we have continued to improve this strain. It is medium early and fairly small, with many features similar to Oregon Ballhead. For 50 years we have been selecting Oregon Ballhead. Somewhat larger than Seidl Ballhead and later. We rate it best for keeping qualities and for holding its green color. It is more resistant to aphid injury and when transplanted late will usually head in Feb. or March. (This latter does not apply to sections with extreme cold.)—See Page 7.

Oregon Grown Dahlias

FRONT COVER COLLECTION

CHERUBINO, White Collarette.....	65c	WHITE FAVORITE, White Cactus.....	75c
CLAIRE DE LUNE, Yellow Collarette.....	65c	PRIG, Red, Tipped Gold Cactus.....	75c
LA GIACONDA, Red and Yellow Collarette.....	65c	GOLDEN HEART, Scarlet, yellow base,	
RIVOLI, Yellow Cactus.....	75c	(See Center of Picture) Semi Cactus.....	\$1.25

COLLECTION OFFER: We will mail this collection of 7 named varieties listed above, worth \$5.45, for \$4.00 POSTPAID. See Index for complete dahlia section.



*EDWARD E. GILL



(THE FOUNDERS)

RAY W. GILL

JUST A LITTLE CHAT WITH YOU

Fifty-one years ago we started this business. That was a very small beginning—just a little four-page circular offering a few items we had originated. Today, we number our customers by the thousands all over the United States and Canada. From boyhood, on our father's farm, we grew up in market gardener farming and that experience enabled us to understand the needs and problems.

Having been market gardeners ourselves, it was quite natural for us to specialize in market gardener requirements. That has always been a major endeavor. All of our seeds therefore are grown or purchased to meet the quality required by these gardeners. This is also a distinct advantage to home gardeners and farmers, for we supply them all from the same sources. We supply seeds to several thousand market gardeners. On our farms near Portland, Oregon, we continually strive to develop new varieties and to improve many of the standard sorts. We always endeavor to secure the best rather than the cheapest. Cheap seeds are generally dear at any price. Seeds are a very small part of the

cost in growing a crop and it pays every grower, small or large, to buy the best. The cost of seed today is moderate compared with other costs.

We will always strive to do our best; however, if you do have a complaint, please write and be assured of courteous treatment. When nice Spring weather arrives seed counters are crowded. It will save time and be more convenient if you buy early. See Special Prizes on early orders, Page 6.

HOW TO REACH THE FARM

Retail salesroom at warehouse and office.

Our main seed store and farm are located in a fast growing section of Multnomah County. It is easy to reach from all main highways. We welcome you to our new retail store, warehouse and offices. See map below. Best route for West bound traffic to Seed Co. is by Multnomah Street.

GILL BROS. SEED CO.

Gill Bros. Seed Co., a partnership, was organized by two brothers, Edward E. Gill and Ray W. Gill. The present partnership is composed of Ray W. Gill, manager, his daughter Mrs. Helen Miller and her husband Cornelius Miller. *Edward Gill died July 2nd, 1951 and his interest is now owned by the above partners.

Our Fall Catalog

Our Fall catalog of 32 pages was issued last September. It lists many items still available for early planting in the springtime. If you did not receive our Fall catalog, we will be glad to mail you one. During the last thirteen years we have issued a Fall catalog describing a very complete line of Fall bulbs and perennial plants. We specialize in Oregon-grown Daffodils and we offer large, high quality Tulips and Hyacinths for Fall planting. We also have a very complete line of other flower bulbs and perennial plants.

We send this Fall catalog to all our seed customers; however, if you did not receive one, please write us.

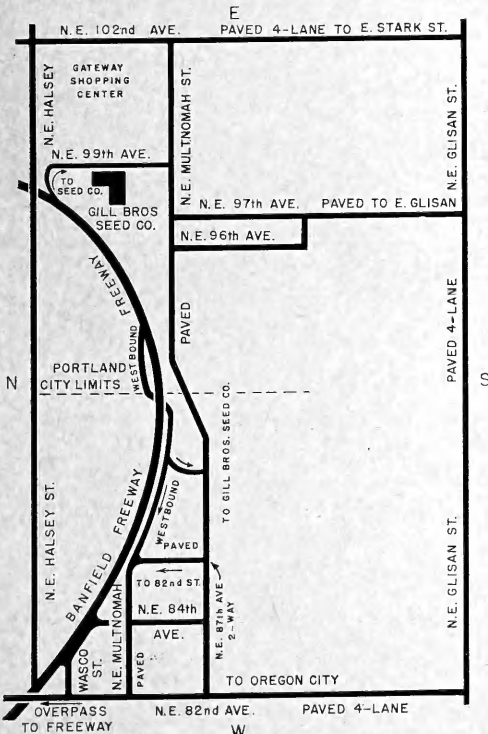
OUR NEW RETAIL SALES ROOM

N. E. 99th and Halsey Streets

One of the most modern seed stores in the U. S., arranged so you can serve yourself or have clerk assistance, as you prefer. Plenty of parking space and a good loading platform for heavy articles.

OUR 51st ANNIVERSARY

In presenting our 1961 Catalog, we have built a high standard for our business. 51 years ago we started this general seed business and we have customers all over the United States and Canada.



FIFTY-FIRST ANNUAL SPRING CATALOG

GILL BROS. SEED COMPANY

MONTAVILLA STATION, PORTLAND 16, ORE.
Main Office, Farm and Retail Store
N.E. 99th Ave. & Halsey St. — Phone ALpine 3-7593

Dear Customers and Readers:

This is not a large, pretentious catalog, yet it brings you an honest message about seeds, bulbs, etc. The high quality of our goods is favorably known throughout the Northwest, besides which we have many customers throughout the nation. For years we have been introducing special strains of seed here from our own farms and many new varieties of our own origin are recognized as leaders.

We specialize in Northwest grown seeds and where these are not obtainable we procure the best without regard to cost from the world's best growers. Seeds grown in moderate summer and winter conditions of the Northwest have great vitality and vigor. Northwest grown seeds are indicated in this catalog with a star. If you have not tried our seeds, please give us a trial order. Many of the largest growers and associations in the Northwest depend on our goods. Order early, as some varieties are short.

Our catalog has been prepared with the desire to have it sensible and free from exaggeration. The cuts used are mostly made from photographs taken from samples grown by ourselves and are reasonable illustrations of the results obtained from our seeds. We are opposed to filling our catalog with a long list of worthless novelties and are confining our list to the fewest possible varieties, and introducing only those new sorts which have some added value over other introductions. Those who receive more than one copy of our catalog will confer a favor by handing it to someone interested.

Our files show us the names of all who have sent us an order within the last two years. To these we mail our catalog each year, and we also mail our catalog again to all who received our catalog the first time last season, regardless of whether they sent an order or not. However, we will send catalogs free upon request. All members of a family, living together, should order under one name.

WARRANTY

The Gill Bros. Seed Company warrants to the extent of the purchase price that seeds, bulbs and plants sold, are at the time of delivery, as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

HOW TO ORDER

Send all mail orders and correspondence to our main office, Montavilla Station, Portland 16, Ore. Order early, as there is a heavy demand on some stocks and they may be exhausted.

Remittance must accompany your order. Stamps are accepted up to \$1.00. Money Orders, Express Orders, Bank Drafts and Certified Checks are preferred, although other checks are accepted for collection. Be sure to check your extensions and totals before mailing your order and sign your checks.

If your remittance should be short, we will send you in accordance with the amount paid and thus avoid delay. We can send Vegetable and Flower Seeds C.O.D., but please remember this costs you extra for C.O.D. charges.

Prices in this catalog marked "Not Prepaid" do not cover shipping expenses.

Except where noted (Not Prepaid) all prices are postpaid except for additions for higher zone rates.

All prices up to the including one pound include shipping expenses unless otherwise noted. Give shipping instructions and write your name and address plainly on your order.

Write your correspondence on a separate sheet from your order. The seed season is a rush season.

MISTAKES

We strive to avoid errors but like all human beings, we are apt to make mistakes in filling orders, and if an error occurs we will consider it a favor to be notified at once so that we can rectify it.

If you have a complaint, tell us first. In the rush of spring business, mistakes may happen; if so, tell us pleasantly about it and be assured of courteous treatment.

ABOUT SUBSTITUTION

IN VIEW OF THE FACT THAT SOME KINDS OF SEEDS ARE SHORT THIS YEAR, we would suggest that customers give as much as possible their permission for us to substitute the nearest variety to the one ordered in case we should be sold out. On items of small importance, or during the rush of planting season, when time is precious, we may send other sorts if out of the ones ordered, but such substitutions may be returned for credit if unsatisfactory to the purchaser.

VEGETABLE SEED SUBJECT TO CHANGE IN EXTREME CASES

Considering the many added costs of doing business our prices are reasonable. Parcel post has been increased. We hope to be able to maintain these prices, but they are subject to change in extreme cases.

HELPFUL SUGGESTION

We are always willing to offer any assistance in our power regarding culture, best varieties for your soil and market, etc. We will also be glad to consider any suggestions you may wish to make to us.

SAVE MONEY BY PARCEL POST . . . PLEASE READ

In ordering seeds in quantity you can save money by using our prices, marked "Not Prepaid" in this catalog. Simply add postage to these prices at the zone rate. In case you do not know the zone to Portland, just include extra and mark order "postage allowance." Please send sufficient. Many orders are short on postage, causing delays and added expense. Any over-run will be refunded to you. However, on very small amounts, we often send extra seeds with liberal allowances.

PRACTICAL EXPERIENCE

As market gardeners and the many tests we have made for years has given us a thorough knowledge of the varieties best suited for our climate, and aside from those varieties which we grow, has enabled us to secure our seed from the best sources. In that respect we differ from the average seed store where the experience is more from a selling standpoint.

WE SPECIALIZE IN MARKET GARDENER TRADE

Thousands of market gardeners all over the United States and Canada look to us for high-grade seeds. If you buy in quantities, write us a list giving varieties and quantities and we will be glad to quote you quantity rates.

MARKET GARDENERS AND FLORISTS

We supply several thousand market gardeners and florists with our seeds. If you have not used our seeds and bulbs why not try us this year. Market gardeners please ask for our Market Gardener Price List. Florists can have our Floral list; please send license number.

SEED TESTS

Our seeds are tested; all seeds on hand are tested before sending out and on those purchased during the rush season we secure the test from the seller and make our own test as soon as possible.

PRESS OF RYDER PRINTING CO.
1027 S.W. Fifth Ave. Portland, Ore.



Artichoke

LARGE GREEN GLOBE—They stand considerable cold but should be mulched with straw against severe freezing. Plant three feet apart in the row and six feet between rows. The green buds are used. Start in hotbeds. They can be grown successfully in the Pacific Northwest. **Postpaid, Pkt. 25c; Plants, Each 95c; 3 for \$2.25.**

***JERUSALEM**—A member of the sunflower family. The tubers are used for stock feed and also in salads. We offer white tubers. They are heavy producers. Cut like potatoes or plant whole tubers 2 feet in rows and 4 feet between rows. **Postpaid, 1½ lbs. 85c; Not prepaid, 10 lbs. @ 20c lb.; 50 lbs. @ 12c lb.; 100 lbs. for \$7.50.**

Asparagus Seed

CULTURE—The seed is of slow germination and should be planted early in the season. Plant roots in well drained soil about two feet apart in row and 4 to 5 feet between rows.

MARY WASHINGTON—Heavy yielding with large green stalks of fine quality. **Postpaid, Pkt. 20c; oz. 35c; ¼ lb. 75c; lb. \$2.25. Not prepaid, 5 lbs. @ \$2.00 lb.**

CALIFORNIA 500—A new strain of Mary Washington producing stalks that are very uniform. Earlier than Mary Washington. The largest, however, the quality is excellent. **Postpaid, Pkt. 20c; oz. 45c; ¼ lb. \$1.50; lb. \$3.75.**

Asparagus Roots

MARY WASHINGTON—No. 1. **Postpaid, Doz. 85c; 50 for \$2.00; 100 for \$3.50. Not prepaid, 1,000 for \$16.00; 5,000 @ \$15.00 per M.**

CALIFORNIA 500—No. 1. **Postpaid, Doz. 85c; 50 for \$2.10; 100 for \$3.75. Not prepaid, 1,000 for \$17.00; 5,000 @ \$16.00 per M.**



Oregon Giant Pole Bean, Page 4.

TO FIND POSTAGE COSTS

Where items in this catalog are marked "Not prepaid" you can find the postage cost by using the Zone Map on page 48.

BUSH BEANS

CULTURE—Plant about May 1st for early beans, or as soon as the ground becomes warm, in rows 2½ to 3 feet apart except pole beans, 3½ to 4 ft. Cover from 1½ to 3 inches deep according to weather conditions. Large seeded beans require warmer weather to germinate than small beans. Never cultivate or hoe beans when the foliage is wet as it will cause rust. Where beans have not previously been grown on the land, it is best to use Nitragin. Our radio talk on beans sent free on request. White seeded beans need careful planting for early crops as they do not stand cold ground like colored beans. Early bush beans can be planted up to August 1st in Pacific Coast sections.

PRICES—Unless noted are uniformly, **Postpaid, Pkt. 20c; 6 oz. 40c; 14 oz. 70c. For 4th zone and beyond, 14 oz. 75c. Not prepaid, of one variety, 1 to 3 lbs. @ 60c; 4 to 9 lbs. @ 55c lb., 10 lbs. @ 50c. Write for prices on larger quantities.**

***GILL'S RELIABLE**—A pioneer bean of the Pacific Northwest. This strain has been grown in our family for over 60 years. A very popular bean with our customers. Remarkably hardy and prolific with few superiors either as a green or dry bean. The small white seeds are also fine for baking. Green pods without fiber, meaty and fine flavored. In the older stages they need stringing. Outstanding for canning and freezing.

***IMPROVED SUPERGREEN (New)**—This strain of Supergreen retains the heavy pod set of the original but now has the advantage of being mosaic resistant. Pods are 6 to 7 inches long, smooth, round, dark green and stringless. Ideal for canning, freezing and garden use.

***RANGER**—Noted for disease resistance and high yield. Can be used for green snaps or dry as baking beans. Pods round, 5 inches. Straight, stringless, silvery green, largely concentrated in the crown. Seeds white, medium small.

***RUBY DWARF HORTICULTURAL**—Large flat pods valuable for green, snap or shell beans. Seed and pods striped with red.

SEMINOLE (1954 All-America Winner)—A vigorous grower with stringless pods of deep apple green color. Pods straight, long and smooth. High resistance to powdery mildew and common bean Mosaic. Excellent flavor. Ideal for home use, and commercial production. Heavy producer.

CONTENDER—Pods 6½" long, slim, nearly round, dark green and stringless. Seed buff, lightly mottled. Mosaic resistant. Very early.

BACHICHA (Italian Bush Bean)—One flat podded bush bean that is free from strings or fiber. A rich, mild flavored early bush bean with long, flat, green pods. A vigorous grower producing heavy yields. Here is a high quality.

PEARLGREEN (All-America Silver Medal Award for 1958)—A new white seeded bush type, 18-21 inches tall, upright with pods 6-6¼ by ¾ inches, round, medium green and fleshy. Yields are exceptionally high and the quality is outstanding. It matures early.

***WADE BUSH (#53 All-America Gold Medal)**—Long, straight, meaty, very dark green stringless pods, 5½ to 6" long. Mosaic resistant and adapted for freezing and canning.

***TOPCROP**—Pods medium light green, round, straight to slightly curved, 5½ to 6" long, fairly smooth, stringless, with no fiber. Plants produce heavy crops in 50 days. Mosaic immune.

BUSH BEANS—Continued

***IMPROVED BURPEE'S STRINGLESS GREEN POD**—One of the best early bush beans. The pods are green, of good length, entirely stringless, tender and brittle and remain so until nearly ripe. A popular market or garden bean desirable for home canning or freezing.

IMPROVED TENDERGREEN—Pods 6 in. long, round, dark green, straight, stringless and Mosaic resistant. Garden and canning variety.

GREENCROP SNAP—1957. This All-American Selection has wide, very dark green pods with white seeds. Quality and flavor are excellent. About two feet high and produce a heavy crop over a short period. Stringless bush bean. Extra large bush bean with very long pods. Some growers are using this in place of Kentucky Wonder. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c.

Wax Podded Bush Beans

PRICES unless noted, Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 70c. For 4th zone and beyond, 14 oz. 75c. Not prepaid, 1 to 3 lbs. @ 65c; 4 to 9 lbs. @ 60c lb.; 10 lbs. @ 55c lb. Write for prices on larger quantities.

PUREGOLD WAX—A bean of rich pure gold color. Tremendously productive with pods 6" long and nearly straight. The quality is very good, being stringless at harvest time. Quite resistant to disease and ideal for market gardeners.

***PENCIL POD BLACK WAX**—Hardy and prolific and of finest quality. Pods bright waxy yellow, long and round and entirely free from strings. Desirable for home or market and very valuable for canning. Deep yellow pods.

***ROUND POD KIDNEY WAX**—Extra early; very vigorous and productive. Long straight, round pods are entirely stringless. Ideal for canning and home use.

Bush Lima Beans

PRICES—Unless noted are uniformly: Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 65c. For 4th zone and beyond, 14 oz. 70c. Not prepaid of one variety, 1 to 3 lbs. @ 60c lb.; 4 to 9 lbs. @ 55c lb. Write for prices on quantities.

FORDHOOK NO 242—Pods containing 3 or 4 light green beans of excellent quality. Dry beans, greenish cream and light green. Pods 3½ inches long, 1 inch wide and 75 days maturity.

HENDERSON'S BUSH (Baby Lima)—Early, heavily productive. Thrives in ordinary soil. Adapted for home use, canning and freezing. Early, small lima of high quality.

IMPROVED BURPEE'S BUSH LIMA—Large seeded; very productive. One of the best.

Soy Beans, Edible

OTTAWA—An extra early variety that will mature even in sections with short seasons. Fine quality. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c.

Baking Beans

PRICES—Unless noted: Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 60c. For 4th zone and beyond, 14 oz. 65c. Not prepaid of one variety, 1 to 3 lbs. @ 55c lb.; 4 to 9 lbs. @ 50c lb.

***MICHELITE PEA BEANS**—Small, pure white seed of rounded shape. It is early and ripens evenly. It produces heavily and is much better than Navy beans where seasons are short for ripening or curing. Earliest strain of commercial small white bush beans.

DARK RED KIDNEY—Easily grown. Excellent quality. Large red beans for baking. An early maturing prolific sort. Bush type.

Printed Radio Garden Talks

We can mail you a complete set of 13 Radio Garden Talks. These are free upon request. See page 33.

POLE BEANS

PRICES—Unless otherwise noted are uniformly, Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 70c. For 4th zone and beyond, 14 oz. 75c. Not prepaid, of one variety, 1 to 3 lbs. @ 60c; 4 to 9 lbs. @ 58c; 10 lbs. @ 55c lb. Ask prices on larger quantities.

***GILL'S DELICIOUS GIANT**—Every year this variety increases in popularity. In this cross between Oregon Giant and Kentucky Wonder, we originated a variety twice as productive as Oregon Giant, of better quality. The beans are produced in clusters of 4 to 6, the stems of which protrude outside of foliage. The pods are green, faintly striped with red lines which disappear when cooked. Ideal for the table, canning or freezing. They are very meaty, mild and stringless with pods often 10" long. Our sales exceed the Oregon Giant. Pkt. 20c; 6 oz. 50c; 14 oz. 85c.

FRENCH HORTICULTURAL—This is a decided improvement over the old strains of Dwarf Horticultural. Larger pods and seed. The long pods have bright red stripes much like Brilliant Horticultural. Some seed firms list this as a dwarf type but we list it as a semi-pole bean. Under highly favorable growth it is sometimes grown on trellis while others grow it similar to the bush type. Our source of Brilliant Pole Horticultural is so short we are compelled to leave it out of our catalog. This is the nearest to it. Pkt. 20c; 6 oz. 45c; 14 oz. 75c; Not prepaid to 3 lbs. @ 65c lb.; 4 to 9 lbs. @ 62c lb.; 10 to 25 lbs. @ 60c lb.

***BLUE VICTOR**—A very popular bean. The pods are large, long and somewhat flat in shape. The meat is thick, of finest quality, and stringless. The pods are reddish purple but when cooked the color changes to light green. One of the finest. Seed crop very short. Packets only at 25c each.

OREGON GIANT—Giant pods a foot long; light green, striped carmine. This wonderful bean is now sold by market gardeners at high prices. Its giant size does not detract from its splendid quality. Pods thick meaty, mild and free from fiber but the fully developed pods can be strung like the Kentucky Wonder. Pods a foot long. Postpaid, Pkt. 20c; 6 oz. 45c; 14 oz. 75c. Not prepaid, 1 to 3 lbs. @ 70c; 4 to 10 lbs. @ 65c.

ITALIAN OR ROMAN—An old favorite with Italian people. Use as a green snap bean or as a shell bean. In either case it is very high in quality. Large, flat pods of medium length. Green, stringless pods of attractive appearance. Same prices as Oregon Giant.

***BLUE LAKE STRINGLESS**—The pods differ from the old Blue Lake, being stringless at all stages, fully round, somewhat longer and of darker green color. White seeds, oval and small. Blue Lake beans are today rated as the finest canned and frozen beans. Pkt. 20c; 6 oz. 45c; 14 oz. 75c. Postpaid. Not prepaid, 1 to 3 lbs. @ 65c; 4 to 9 lbs. @ 60c. Write for quantity prices.

***KENTUCKY WONDER**—It produces exceptional yields of long, green pods of fine quality.

LAZY WIFE—An old favorite. Fairly short green pods, stringless, large round white seeds. Exceptionally fine quality also fine for green shelling or as ripe seed.

***STRINGLESS BLUE LAKE, BLACK SEEDED**—Pods stringless; about 7 inches long, straight and round. Vigorous and a heavy producer of the finest quality beans. For home gardens it is ideal and produces heavier crops than the White Seeded Stringless. Ideal for market.

***WHITE SEEDED KENTUCKY WONDER**—Many prefer this to Kentucky Wonder. Earlier, more productive, stringless and good quality.

KENTUCKY WONDER WAX—Vigorous and productive. Pods waxy yellow, large, stringless and of fine quality. Excellent pole bean. Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 80c.

Pole Limas

PRICES—Unless noted, Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 70c. For 4th zone and beyond, 14 oz. 75c. Not prepaid one variety, 1 to 3 lbs. @ 60c lb.; 4 to 9 lbs. @ 55c lb.; 10 lbs. @ 50c lb.

CHRISTMAS LIMA—This unusual pole lima excels for quality and production. When cooked in either dry or green shell stage the seed turns to a pink-brown color and the stripe disappears. In the shell stage they are sweet. In either dry or shell stage the skin is thin and tender. We have tested many lima varieties but none equal this for high quality and production and we rate it best for Pacific Northwest states where cool summer nights usually prevail. The seeds are very flat but quite large and every seed is white, striped with deep crimson. Vigorous vines 7 to 9 feet tall.

KING OF THE GARDEN—A large, flat lima of great vigor and heavy production. Seed white in dry stage with creamy green in shell condition. It produces well in the Pacific Northwest. Ideal for canning or freezing. Vines 7 to 9 feet, pods $5\frac{1}{2}$ to 6" long with 4 to 5 thick, flat seeds.

OREGON LIMA (White Seeded Runner)—A large pole bean, extra early and suited for Pacific Northwest culture. It ripens in about 75 days from planting. Excellent shell bean or stored dry for winter use. Extra large, plump, pure white seed.

Broad Windsor Beans

MAMMOTH LONG PODDED—The English Broad Beans or sometimes called "Horse Beans." Near the coast these can be planted in the Fall. Generally planted very early in the Spring. Green shell beans, large, broad, flat and light green. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c.

Garbanza

Well known in Mexico and Southern California and it will do well in northern climates. Often called "Coffee Bean," "Chick Pea" and "Acorn Pea." Dwarf bushy plants, about one foot high, with round, puffy pods containing 2 to 3 large seeds. These are used when ripe much like beans for baking or boiling. Very nutritious, high in protein. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 80c.

Celtuce

A vegetable for salad and greens. Plant early in the Spring or in mid-August. The leaves and young seed stalks are used for salad or greens. It is also very fine for poultry feeding. Plant the seed where it is to grow, thinning to one foot apart. Postpaid. Pkt. 20c; $\frac{1}{4}$ oz. 35c; oz. 95c; $\frac{1}{4}$ lb. \$2.75.

Mangel Beets

PRICES ON MANGELS UNIFORMLY: Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 65c; lb. \$1.65. Not prepaid, 10 lbs. or more @ \$1.45.

DANISH SLUDSTRUP—Long, reddish-yellow; grows well above the ground. A giant in size.

GIANT HALF SUGAR—Cross between a mangel and sugar beet. Flesh white and sweet.

MAMMOTH LONG RED—Heavy Cropper.

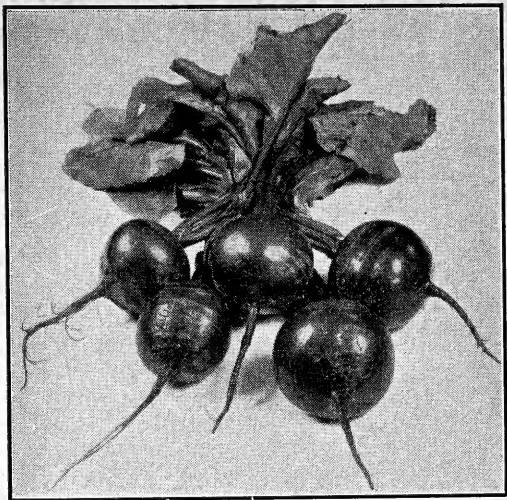
GIANT YELLOW ECKENDORF—Giant, smooth, long roots of cylindrical shape, weighing up to 20 lbs. each and growing two-thirds above ground. White flesh with high food value.

Sugar Beets

KLEIN WANZLEBEN—Best for making sugar and valuable for feeding purposes. Pkt. 20c; oz. 35c $\frac{1}{4}$ lb. 70c; lb. \$1.75.

HOME VEGETABLE GARDENS

There is a good reason to have your own vegetable garden. You can pick your favorite varieties.



Beet, Gardener's Model, This Page.

TABLE BEETS

CULTURE—Plant in rows 2 to $2\frac{1}{2}$ feet apart with drill, April 1 to July 15. Thin to 3 inches apart for table beets and 8 to 12 inches for mangels. For winter beets the latest sowing is best.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$2.00.

GARDENERS MODEL—This outstanding beet was developed here on our farms. For over 40 years we have been selecting this strain. Every year an increasing number of home and market gardeners order this beet. It has great uniformity. A splendid table beet for home or market. Extremely early, of smooth, uniform shape. The flesh is rich red, entirely free from strings or core and very sweet. The tops stand tall and erect. Ideal for tying in bunches. Valuable for both greens and roots. This variety will stand longer than any and still keep tender. Generally immune to curly top. Seed from our own selection. Postpaid. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.10.

RUBY QUEEN—A new, early, extra-short top beet with fine flesh features. Tops are only 10" to 12" tall. Roots are round, with smooth shoulder and crown, small tap root. Ruby Queen has uniform medium bright red interior color. Flesh texture is unusually fine, butter-smooth in appearance. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. 95c; lb. \$2.10.

DETROIT DARK RED—Splendid for market or home gardens and popular with canneries. Roots nearly round, very uniform and of medium size; flesh tender and blood red.

CROSBY EGYPTIAN—Ideal for market gardeners. Flat-globe or turnip shaped beets with small tap roots and dark red skins. Flesh purplish red. Early, smooth beets free of side roots.

GREEN TOP EARLY WONDER—A selection of Early Wonder well suited for bunching and shipping, with bright green foliage. Roots nearly globe shaped, slightly flattened at top and bottom. Foliage does not turn red or brown in cool weather. Ideal for bunching or for greens.

KING RED—Roots globe to round shape and similar to Perfected Detroit, but with shorter tops. Deep red skin and dark interior color. High quality for all purposes. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.10.

Cardoon

LARGE SMOOTH—A perennial winter vegetable grown for the fleshy leaf stalks which are bleached like celery. Used for salads or in soups. Postpaid. Pkt. 20c; oz. 45c; $\frac{1}{2}$ lb. \$1.25.

GREEN BROCCOLI

A valuable Italian vegetable forming heads of deep green, about the same color as the foliage. After the main head is cut, smaller heads branch out below. It is very tender, nutritious and delicious, and can be raised like cabbage. Plant the seed June 1st to 20th and transplant July 15th to August 15th, in the same manner as cauliflower or broccoli. It is very hardy and is not injured by light or white frost, so needs no protection. Do not grow this for summer use except near the coast. It can be planted from seed in rows 3 feet apart and thin to 12 inches in the row. In this case plant the seed about July 1st.

CHINOOK—New high-yielding, non-bolting dark green broccoli. Heads are large, dark green, with rather small florets. Heavy shoot producer which are large. Matures between Medium and Waltham 29. Very few light green heads are found. Pkt. 20c; ½ oz. 65c; oz. \$1.00; ¼ lb. \$3.25; lb. \$9.50. Postpaid.

MEDIUM CALABRESE—This middle season variety is mostly planted for commercial crops. Dark green heads of finest quality. We carry a fine type and sell large quantities to processors and market gardeners. Postpaid. Pkt. 20c; ½ oz. 50c; oz. 80c; ¼ lb. \$1.75; lb. \$4.75.

WALTHAM NO. 29—Ideal for commercial freezing. Compact, uniform heads. A newer variety which has been given much attention. Postpaid. Pkt. 20c; ½ oz. 50c; oz. 80c; ¼ lb. \$1.75; lb. \$4.75.

Dill

MAMMOTH—Easy to grow and used for flavoring pickles. Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 55c; lb. \$1.35.

Special Reduced Prices On Early Orders

OFFER NO. 1

We desire to get more early orders since it reduces the big rush when nice weather opens in the Spring. We make these special offers for each group as directed below and only as listed in examples (either vegetables or flower seeds). We make this offer on both 15c pkts. and 20c pkts. If you purchase (example):

12 pkts. priced @ 15c ea., you save 30c.

24 pkts. priced @ 15c ea., you save 60c.

12 pkts. priced @ 20c ea., you save 40c.

24 pkts. priced @ 20c ea., you save 80c.

While of course you can order any number of packets you wish, but to get this discount you must order as noted in the examples. Do not mix 15c and 20c offers. (Collection offers do not count since they are already reduced.) The prices are postpaid and apply at the counters or by mail. **This offer expires Feb. 15th** and we will judge by the postmark on mail orders. To secure this offer you must comply with these instructions.

Chicory

ASPARAGUS—This makes annual production of Dandelion-like leaves valuable for early greens. Leaves and flower shoots tender and with asparagus flavor. Pkt. 20c; oz. 85c; ¼ lb. \$2.50.

LARGE ROOTED—Chicory is an excellent substitute for coffee. Plant like carrots. Postpaid. Pkt. 20c; oz. 75c; ¼ lb. \$2.00.

WITLOOF or FRENCH ENDIVE—Roots are transplanted and shoots are bleached for Winter salads. Postpaid. Pkt. 20c; oz. 85c; ¼ lb. \$2.25.

Brussels Sprouts

CATSKILL—After growing this outstanding Brussels Sprouts we consider it the best variety. Plants of medium size producing an immense crop of solid, dark green sprouts set fairly close together. The sprouts are larger than most sorts and very heavy. The best for home gardens or market gardens. Matures quite early. Postpaid. Pkt. 20c; ½ oz. \$1.10; oz. \$1.90; ¼ lb. \$6.00; lb. \$20.00.

FANCY MOST 50 A (New)—A type commonly used along the coast of California. Plants are even in height at Salinas, averaging 32", but grow larger in the Half Moon Bay area because of the much longer growing period. Stalks are well set with medium to large round, well covered sprouts that have fine solidity and uniform dark green color. It is slow in bolting, assuring a long period of harvest. Pkt. 20c; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$6.00; lb. \$20.00.

JADE CROSS (New Hybrid All-America)—It shows more vigor and produces big yields, earlier crops that are more uniform than standard varieties. Seed scarce. Pkt. 35c; ½ oz. \$2.00; oz. \$3.75; ¼ lb. \$12.50.

Swiss Chard

RHUBARB CHARD—Large, wide and tall leaves with fairly large ribs of deep crimson color. Foliage heavily toned red with purple tints. Very productive and of rapid growth. Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

FORDHOOK GIANT—Larger, darker green with more wrinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. Postpaid. Pkt. 20c; oz. 30c; ¼ lb. 70c; lb. \$1.60.

LUCULLUS—Grows about two and a half feet high. The heavy stalks are over an inch wide and bare for more than a foot of their length. Can be served as you would asparagus. The leaves make very fine greens. Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 70c; lb. \$1.60.

LARGE WHITE RIBBED (Smooth Leaf)—Broad, nearly smooth leaves. Large fleshy white stems, about 20 inches tall. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

Corn Salad

Used in Spring or Winter for salads but usually mixed with more piquant herbs. Pkt. 20c; ½ oz. 45c; oz. 85c; ¼ lb. \$2.25.

Cress

FINE CURLED (PEPPER GRASS)—Grows quickly from seed. Sow thinly in drills. Should be planted at intervals as it runs to seed quickly. Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c.

WATER CRESS—Perennial aquatic plants. Small, thick leaves with pungent flavor for salads and garnishing. Plant on the banks of a running stream. Pkt. 20c; ¼ oz. 40c; oz. \$1.40.

Dandelion

IMPROVED THICK LEAVED—Far superior to the uncultivated plant. Valuable perennial for early Spring greens. Postpaid. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.25.

MARKET GARDENERS ATTENTION

We supply vegetable seeds to thousands of Market Gardeners in the United States. If you are a commercial grower of vegetables ask for our Market Gardener list.

CABBAGE

CULTURE—Early varieties can be sown in the open ground in early September or in cold frame in January or February. We do not recommend sowing in hotbeds, as plants will be too tender. For open ground May 1st, transplant June 15th for Fall, and July 1st to August 1st for Winter cabbage, in rows 40 inches apart, from 25 to 36 inches in the row, according to the richness of the soil, size and variety. Do not crowd them. They do best in rich, loamy soil, fertilized with barnyard manure of any kind and good well-balanced commercial fertilizer. Early Jersey Wakefield, Danish Ballhead, Seidl Ballhead and Oregon Ballhead can be sown in the Fall for Spring and Summer cutting. They seldom run to seed. Golden Acre, Copenhagen Market and Glory of Enkhuizen will not Winter over without running to seed. Grow more Red Cabbage and Savoy.

PRICES—Unless noted: Postpaid. Pkt. 20c; ½ oz. 45c; oz. 85c; ¼ lb. \$1.75; lb. \$5.00.

***GILL'S OREGON BALLHEAD**—The leader in the Pacific Northwest for a main crop late Winter Cabbage. We have developed this strain until it excels all others for solidity, resistance to aphids and freeze injury. The best cabbage for crating or general market purposes. The outer leaves are deep green and will hold their color weeks after cutting. It is the best keeper of all. The outstanding commercial cabbage and the most popular Winter sort. We believe this is the most persistent heading of any Winter cabbage. Often when planted too late in the Summer for full maturity the heads develop firm and ready for market in February or March. Seed of our growing. Postpaid. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$1.90; lb. \$5.00.

***SEIDL BALLHEAD**—Small, solid heads weighing about 3 to 4 lbs. Stems short with round, uniform heads. Valuable for crating and local sales where small solid heads are in demand. This splendid cabbage has made a hit with market gardeners. It is earlier than Oregon Ballhead. This fine cabbage first catalogued by us, increases in popularity each year. We offer a fine selection of our own strain. Postpaid. Pkt. 20c; ½ oz. 65c; oz. \$1.00; ¼ lb. \$2.50; lb. \$6.00.

EARLY WONDER NO. 1 (New)—An extremely early Golden Acre. Small, perfect heads weighing 2 to 2½ lbs., perfectly fitted for the average family. This is really the earliest, most perfect, most uniform Golden Acre. The size makes it attractive and this is backed by its splendid quality. Popular with market gardeners. Pkt. 20c; ½ oz. 65c; oz. \$1.00; ¼ lb. \$2.50; lb. \$6.00.

COPENHAGEN MARKET—Early, good sized, round heads, weighing 5 to 6 lbs.

MARION MARKET—Yellow resistant Copenhagen Market. Somewhat larger and a little later than Copenhagen Market.

EARLY JERSEY WAKEFIELD—Still very valuable for the earliest crop of hardy cabbage. This special strain has solid heads and few outside leaves. The sweetest and most tender of any variety we have tested. Ideal for home gardens. Valuable to sow in the Fall for transplanting in early Spring. In some sections it is sown for greens like collards and used before the heads form.

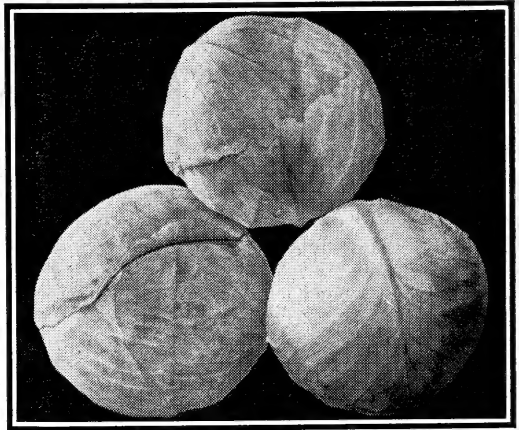
DANISH BALLHEAD (Short Stem)—The regular Ballhead type so long imported from Denmark. Somewhat earlier than Oregon Ballhead. A fine strain of Danish Ballhead. Medium sized head, very solid and of good quality.

GLORY OF ENKHUIZEN—Best variety for Summer or early Fall for its tendency to produce large heads even in dry weather. It can be used for early Spring crops, not satisfactory as a Winter cabbage. Tender and sweet.

GREEN ACRE—The type and characteristics are the same as Golden Acre but it holds its green color longer. Valuable for shippers. A little larger and slightly later than Golden Acre.

GOLDEN ACRE, YELLOW RESISTANT—Like Golden Acre but yellow resistant. 62 days.

GOLDEN ACRE (Super Early Strain)—Extra early round-headed, fine quality cabbage, maturing with Early Jersey Wakefield. Heads firm with few outer leaves and average 4 lb.



Cabbage, Gill's Oregon Ballhead, This Page.

GOLDEN ACRE—The original regular type. Slightly later than the super strain.

BONANZA—Good market variety. Forms a small firm head early in the season and continues to grow to full size. Can be harvested early or held in the field for a considerable time after maturity without loss, if markets are unfavorable. Heads almost round, very firm and uniform, with short core, therefore slow to run to seed. Diameter 6½", weight 4 lbs. 75 days. Pkt. 20c; ½ oz. 60c; oz. 90c; ¼ lb. \$2.35; lb. \$6.00.

WINTER KEEPER—A splendid Ballhead type ideal for late crops and Winter storage. Solid heads of medium size with medium green foliage.

EARLY GLORY—An early strain of Glory of Enkhuizen. This round-headed type is somewhat similar to Copenhagen Market but slightly later and heavier and with darker green color. Solid heads, ideal for market or shipping.

BADGER MARKET Y. R.—Yellow resistant type. Widely adapted for both northern and southern latitudes. Small to medium round heads, very solid. A ball head type. Pkt. 20c; oz. \$1.00; ¼ lb. \$2.50; lb. \$6.00.

***PORTLAND ROUNDHEAD**—Developed by a local gardener. Heads larger than Danish Ballhead and Oregon Ballhead. Valuable for late summer markets and for kraut in the fall. A very popular sort for these purposes. Large heads rounded in shape and very solid.

Red Cabbage

Red cabbage is used very much in salads. Prices on each of this group, Postpaid. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.50; lb. \$6.00.

EARLY RED METEOR—Ideal for market, producing uniform, solid heads of deep red color. Ideal for market gardeners. One of the best market varieties of red cabbage. Extra early, maturing with Golden Acre.

RED KISSENDROP—An early red variety of high quality. It is real red clear through the head. Sure heading and uniform. Ideal for summer and fall cutting. It is tender and sweet.

ROUND RED DUTCH or RED ACRE—Heads round, solid; about 6" in diameter, weighing 3 to 5 lbs. Early, maturing in 80 days.

***RED STONEHEAD**—Very solid heads of Ballhead type. Deep red and of high quality. An extra fine late Winter cabbage.

Savoy Cabbage

IRON HEAD—An early Savoy of small size noted for sweetness and tenderness. Ideal for cole slaw and salads. Very popular for market and extra fine for home gardens. Pkt. 20c; ½ oz. 60c; oz. 95c; ¼ lb. \$2.00; lb. \$5.00.

CHIEFTAIN SAVOY—Best main crop Savoy cabbage; firm, large heads with curly foliage. Popular with market gardeners. Pkt. 20c; ½ oz. 60c; oz. 95c; ¼ lb. \$2.00; lb. \$5.50.

Chinese Cabbage

CULTURE—A delicious vegetable from China, excellent for salads and cole slaw, and is sometimes used like Swiss Chard. The stems can be used like celery. Plant seed in August as it will go to seed when planted in Spring. Thin to 18 inches apart. Use plenty of good complete fertilizer high in nitrogen and potash, to secure a quick growth.

MICHIHLI—Foliage dark green; heads 4" thick, 18-20" tall, tapered near tip, well branched. Pkt. 20c; oz. 60c; ¼ lb. \$1.50; lb. \$4.25.

***TRANSPLANTED SPECIAL SELECTION**—A selected strain producing very uniform, solid heads of medium height. A special development from the Paoting type. This special selection is very popular with market gardeners. Beyond doubt it is one of the best strains. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.50; lb. \$7.50.

WONG BOK PAOTING—Large thick heads. Very popular for market gardeners. Medium in height. Very tender with inner leaves and stems of creamy white. Pkt. 20c; ½ oz. 60c; ¼ lb. \$1.50; lb. \$4.25.

Caulicab

We originated and offered this entirely new race of vegetable. When planted in the Spring along with the first early cabbage it matures solid heads in the early Fall. When grown this way it is distinguished by the large ribs running nearly to the top of the heads. When planted in the late Summer they head the next Spring, then the mature heads have an outer layer of cabbage-like leaves, but with the main part of the head filled with tightly folded sprouts and buds of amber color. In either case they are very tender and sweet and ideal for raw salads or cooking. It is a cross between cabbage and winter cauliflower. The flavor is different from either and is very mild.

Plants often stand 3 feet tall with large, long leaves, inclined to curl and twist. They stand cold weather down to 10 above zero. It does not cause gas like cabbage or cauliflower. Even if the heads burst in the Spring and become green they are superior to green broccoli, being milder and more tender. A very nutritious vegetable. Where cabbage will not stand through the Winter, without severe damage, it should be transplanted in the Spring when early cabbage plants are set out. Good reports reach us from all over the U. S. Postpaid. Pkt. 25c; ¼ oz. \$1.25; oz. \$3.00; ¼ lb. \$9.00.

Collards

GEORGIA—Nonheading form grown for greens for home and market gardens. Plants 2-3 feet tall and forming loose clusters of tender leaves. Pkt. 20c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00.

CABBAGE—Plants 2 feet tall, smooth, large, blue green, loosely folded leaves, like a loose cabbage head. Cross between Georgia Collards and Early Jersey Wakefield Cabbage. Also for poultry and livestock feeding. Price same as Georgia.

Do not use Sprays or dust on vegetables and fruits so near maturity that the spray or dust will injure products when ready.

CELERY

GILL'S SPECIAL TALL UTAH—A valuable selection of tall Utah celery. The thick, solid stems have nutty flavor and fine appearance. One of the best in the tall green celery list. It has longer stems than most Utah celery. Pkt. 20c; ½ oz. 65c; oz. \$1.50; ¼ lb. \$4.25; lb. \$15.00.

UTAH JUMBO—This remarkable late celery has the finest quality. Plants sturdy, compact and solid. Very free from strings. In Utah, soil bleaching is often used, producing stalks that are pure white, nutty and crisp. Also immensely popular sold green without bleaching. Our strain is very popular all along the Pacific Coast. We supply this strain to large celery growers in various parts of the country. Postpaid. Pkt. 20c; ¼ oz. 65c; oz. \$1.50; ¼ lb. \$4.25; lb. \$15.00.

IMPROVED UTAH JUMBO—This new strain has thicker, more meaty stalks with longer stems. The mature plant is larger around and taller than Utah Jumbo. Postpaid. Pkt. 25c; ¼ oz. 75c; oz. \$1.75; ¼ lb. \$5.50; lb. \$18.00.

SPARTAN (Magnesium Yellow Resistant)—New Utah Type. Slow bolting, plants erect, full hearted and compact. Stalks 9 to 11 inches, lightly ribbed, thick. Tender, crisp and mild. Pkt. 25c; ¼ oz. 75c; oz. \$1.75; ¼ lb. \$5.50; lb. \$18.00.

UTAH NO. 15—A tall Utah strain of mid-season maturity. Plants are large; height 26 to 28 inches. Leaves dark green, deeply cut, moderately broad. Plants erect, compact, full hearted. Edible stems 8 to 10 inches long, numerous and of medium width, thick, rounded and quite smooth. Very resistant to blight. Postpaid. Pkt. 20c; ¼ oz. 65c; oz. \$1.50; ¼ lb. \$4.25; lb. \$15.00.

CELERY SEED FOR COOKING—2 oz. Pkt. 20c; ¼ lb. 35c; lb. 80c.

Celeriac

TURNIP ROOTED CELERY SPECIAL STRAIN—Roots turnip shaped and used for soups and stews. Hardy and will stand in open all Winter in the Coast regions. Postpaid. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.50; lb. \$8.00.

Herb Seeds---For Planting

ANISE—For garnishing and flavoring. Seeds have an agreeable aromatic taste. Pkt. 20c.

BASIL (Sweet)—For soups and stews. Pkt. 20c.

BORAGE—Leaves and flowers have a cucumber flavor, for salads and cold drinks. Pkt. 20c.

CARAWAY—For flavoring pastry. Pkt. 20c.

CATNIP—Used for seasoning. Pkt. 20c.

CHIVES—Leaves used in salads and for flavoring soups and stews. Pkt. 20c.

CORIANDER—The seeds are used for flavoring and confectionery. Pkt. 20c.

DILL—Pkt. 15c. See page 6.

HOREHOUND—For flavoring. Pkt. 20c.

MARJORAM (Sweet)—Leaves and tender shoots for seasoning. Pkt. 20c.

OREGANO—Like a larger Sweet Marjoram but with greener leaf and very tangy delicious flavor. Pkt. 35c. Plants in purple or white flowers @ 85c each. Postpaid.

ROSEMARY—Perennial, fragrant odor; leaves used in seasoning. Pkt. 25c.

SAGE (Broad Leaf)—Perennial for seasoning. Pkt. 20c; ½ oz. \$1.50.

SUMMER SAVORY (Annual)—Dried stems, leaves and flowers are for flavoring. Pkt. 20c.

THYME—Used for seasoning. Pkt. 25c.

THYME (Wild-creeping)—Perennial, ideal ground cover. Pkt. 25c.

ORDER EARLY

Some kinds of vegetable seeds are scarce this year. It is best to order early. See our special prices on early orders, page 6.

CAULIFLOWER

CULTURE—For early cauliflower, start in cold frames. For fall cutting, Green Broccoli and all Snowball types should be planted June 1st to 20th and transplanted July 15th to August 10th. Late cauliflower can be planted the first week in May, transplanted July 1st to 20th. For winter cauliflower plant the first week in May, transplanting July 20th to August 10th. Cauliflower and broccoli do best in a rich, loamy soil, not a cold, wet location. Plant 2 to 2½ feet in rows and 3½ feet between rows. Before the heads are large enough to be exposed to the light, tie or break the leaves carefully over the head to keep out the light. Great care should be used in growing plants of any of the Snowball type that they receive no severe check in their growth, as this will cause premature heads.

Snowball Types

PRICES—Uniformly unless noted are: Postpaid. Pkt. 20c; ¼ oz. 90c; oz. \$3.00; ¼ lb. \$7.50; lb. \$20.00. Not prepaid, 3 lbs. or more @ \$18.00 lb.; 10 lbs. @ \$16.00 lb. Write for prices on larger quantities.

DOMINANT (New)—Large heads, firm and heavy, leaves very long and broad with inside leaves covering heads closely. Medium early and adapted for summer or fall. It will stand considerable summer heat thus taking the place of Danish Dry Weather. Pkt. 25c; ¼ oz. \$1.00; oz. \$3.50; ¼ lb. \$8.50; lb. \$22.00. Postpaid.

HELIOS—Rated as especially good for Summer cutting. Large, solid, snow-white heads with good foliage covering. This variety is popular for its better resistance in warm weather.

SUPER SNOWBALL—Early variety producing heads of uniform size, shape and type. The heads are almost round with pure white, smooth curd. Tall foliage protects the heads.

SNOWBALL NO. 16—Early and produces large, thick, solid, white heads. Stands up well under rather unfavorable weather conditions. One of the best shipping varieties and ideal for canning or freezing. Good for Summer or Fall.

SNOWDRIFT—This fine strain matures with great evenness. The pure white heads are remarkable for their great depth and unexcelled white color. The curd is of fine texture and quite resistant to riceiness and fuzziness. The large, solid heads are well protected by the foliage.

MASTER SNOWBALL—Very early with large heads, well protected with good leaves. It has been well received by market gardeners.

SNOWBALL E—An early uniform maturing Snowball. Abundance of long, erect leaves, giving good protection to the large, white heads. Pkt. 25c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$8.50; lb. \$23.50.

SNOWBALL Y—Similar to Snowball X but more vigorous. Uniform heads in size and maturity, large, smooth and heavy.

SNOWBALL M—A uniform strain of Snowball similar to Snowball X. Plants vigorous, slightly smaller than Snowball X, a few days earlier and maturing more evenly. Leaves fairly erect, medium green. Heads large, well protected. Curd smooth, white and firm. Pkt. 25c; ¼ oz. 95c; oz. \$3.25; ¼ lb. \$8.75; lb. \$23.50.

Late Cauliflower

NOVEMBER-DECEMBER—Requires a long growing season. Especially suited to Pacific Coast states. This makes large solid heads of finest quality. For inexperienced growers this is the easiest to grow. Plants grow rather tall with long heavy ribbed leaves. It does not make premature or "fool heads." See culture above. Postpaid. Pkt. 20c; ½ oz. \$1.50; oz. \$2.50; ¼ lb. \$6.00; lb. \$16.00.

PURPLE CAULIFLOWER—Beautiful purple head that cooks a light green. Plant same as November-December variety. The sweetest, most tender of all cauliflower types. Postpaid. Pkt. 25c; ¼ oz. \$1.25; oz. \$3.75.

CAULIFLOWER BANDS

Red, blue, yellow and green rubber bands in one pound packages. Not postpaid \$1.60. (See Postal Zone schedule, page 48.)



Cauliflower, Helios, This Page.

Winter Cauliflower

Due to confusion with green broccoli we will list this as above. This type is adapted to the West Coast and Southern States. Usually killed by winter cold lower than 15 degrees above zero. Transplant in July or Aug. for cutting in Spring.

ST. VALENTINE SPECIAL—Solid white heads of large size ready in February and March. Much seed offered is inferior but you will find this strain well developed for commercial crops. A fine outstanding type for market. This Gill's Special selection gives excellent leaf protection for the heads. Postpaid. Pkt. 20c; ¼ oz. 75c; oz. \$2.00; ¼ lb. \$6.00; lb. \$17.00.

LATE MARCH—Produces fine white, well protected heads the latter part of March. Similar to Early March but about two weeks later and plants are larger. This would follow St. Valentine. Pkt. 20c; ¼ oz. 75c; oz. \$2.00; ¼ lb. \$6.00; lb. \$17.00. Postpaid.

APRIL—Another fine variety of Spring heading, white cauliflower. In Western Oregon transplant about August 1st to 20th. The later maturity makes a good succession to follow St. Valentine Special and Late March. Pkt. 20c; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$6.00; lb. \$17.00.

Florence Fennel

This fine Italian vegetable should be planted more generally. Use like celery or for flavoring. Plant July 15 to Aug. 15 in rows 2 feet apart and thin to 1 foot apart. Easy to grow on good, rich soil. Postpaid. Pkt. 20c; oz. 45c; ¼ lb. \$1.35.

If you buy quantities for commercial market gardens write for our Market Gardener Price List.

CARROTS

CULTURE—Carrots may be planted from March to August 1. We prefer to plant from May 10 to 30; they will then miss many of the Spring weeds and will stand through the dry season better, making a better quality of roots. Plant in rows $2\frac{1}{2}$ feet apart covering one-half to one inch, according to weather conditions. Those who plant any quantity should use a good drill, as it lessens the work and gives a more even stand. As soon as they are up, use a wheel hoe, following this with a cultivator having small teeth.

PRICES—Unless noted: Postpaid. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.10. Not prepaid 5 lbs. or more @ \$2.00 lb.; 25 lbs. or more @ \$1.90 lb.

GILL'S SPECIAL NANTES—Roots bright orange, 6 to 8 inches long and very uniform. Very small core and are exceptionally tender and sweet. Roots are slender, of even diameter and of early maturity. Very desirable for market, bunching, and also for the home garden. We offer a fine, re-selected strain grown from our stock seed. This variety is very popular with market the regular strains of Nantes or Coreless. In many sections it leads for polyethylene packing. Postpaid. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.20.

GILL'S OREGON CHANTENAY—A fine market carrot, either for bunching or sack, and sold by some seedmen as Long Chantenay and Greater Chantenay. We are the originators. A special strain of our selection producing very smooth roots about two inches longer than the regular strain and of more even diameter the whole length of the carrot. It is very popular with gardeners. The tops are of medium size, tough and wiry, hence the carrots seldom break from the bunches. The roots are rich red color with small core. High quality. Good for late crops. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.20.

ROYAL CHANTENAY—A new canner and freezer, and well suited for market and home gardeners. Tops 10 to 20", roots $6\frac{1}{2}$ " long and $2\frac{1}{2}$ " at shoulders, cylindrical, stump rooted and smooth. Interior color solid red orange.

GOLD PAK (All-America Winner)—The same season as Gold Spike and about two weeks earlier than Long Imperator. Tops 9 to 13 inches, short, erect with coarsely cut foliage and dark green. Roots long, slender, smooth, slightly tapered, nicely rounded shoulders, small cores and deep orange skin; flesh rich orange, roots $8\frac{1}{2}$ to $9\frac{1}{2}$ ". Postpaid. Pkt. 20c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$3.65.

IMPERATOR LONG TYPE—Developed for bunching, tops medium, abundant and strong enough for good bunching. Roots long, slender in proportion to length, smooth and tapering to semi-blunt ends. Flesh of rich orange. It is longer and more evenly tapered than regular Imperator. Ideal for loose peat and sandy soils.

TABLE GEM or AMSTERDAM—Fine quality for table carrots. The roots are 5" to 6" long, of even diameter and blunt ends. Nearly coreless, exceptionally tender and sweet for every use. It is very early and the tops are small. Suited for forcing or outside culture. High quality for home use but not suited for market except when forced. Postpaid. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$2.90.

GOLD SPIKE—Long smooth roots of uniform size and even diameter. Ideal where long carrots are needed for bunching. Good color and quality. Requires mellow soil for best results. Good results planted late for fall sales. Pkt. 20c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$2.75.

DANVER'S HALF LONG, RED CORED—An improved strain with deep orange red right through to the center. Heavy yielding. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.00.

MORSE'S BUNCHING—Long, almost cylindrical roots. Good color and quality. Popular bunching market carrot, also for packages.

TENDERSWEET—Very sweet and tender. Roots long and of deep red orange.

CHANTENAY, RED CORED—This has a deeper red core and is popular with canners. Similar in type to regular Chantenay. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. 85c; lb. \$2.00.



Carrot, Gill's Special Nantes, This Page.

RED APPLE—A new turnip-shaped carrot of good color and very smooth skin. Diameter and depth are about the same, running about $2\frac{1}{2}$ " by $2\frac{1}{2}$ " when used at the best time. A striking carrot of uniform shape and color. They can be used for fresh table use or cooked. Easy to pull and wash. Will grow in places where long carrots are unsatisfactory. Pkt. 20c; oz. 50c; $\frac{1}{4}$ lb. \$1.00; lb. \$2.90.

WALTHAM HICOLOR—(New). This new quality carrot is considerably earlier than Gold Pak. Best suited to deep soils for it produces extra long roots of fine appearance and long smooth, bright deep color. Strong, somewhat short tops, but good for bunching or packages. Becoming very popular. Postpaid. Pkt. 20c; $\frac{1}{2}$ oz. 40c; oz. 60c; $\frac{1}{4}$ lb. \$1.25; lb. \$3.50.

SUPER NANTES—This new strain of Nantes carrot is longer and slightly larger than our Special Nantes. It has made a hit for package and bunching. A splendid new carrot of high quality. Pkt. 20c; oz. 50c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.00.

EARLY SCARLET HORN—Forcing carrot but can be grown outside. 3 inches long. Very high quality and very early. These small carrots are proving ideal for their fine quality and are splendid for decorating the plate when served with meat. Pkt. 20c; oz. 50c; $\frac{1}{4}$ lb. \$1.15; lb. \$2.90.

Stock Carrots

PRICES—See carrot prices at heading.

LARGE WHITE BELGIAN—Long white stock carrot, very heavy yielder.

LARGE YELLOW BELGIAN—Same as above, except color, a pale yellow.

FLORIST FLOWER SEED

We specialize in flower seeds and bulbs for florists and commercial growers. Write for Florist List but state your license number. We make germination tests on our flower seeds.

SWEET CORN

CULTURE—Prices paid for first early corn will pay the grower to take chances on early planting. For this planting use 4 to 5 seeds per hill and cover one inch deep. Space hills 28 to 36 inches, and rows 3½ feet, allowing two stalks to the hill or as some prefer, and we think this is best, plant 10 inches between hills, and thin to one stalk; this gives all the stalks an even show. April 1 to May 1 is a good season for early corn, depending on the weather. May 1st to June 1st is good for later sorts, as they do not resist damp, cold weather like early varieties.

Corn will not fill well unless the patch planted is blocked out; those planting small quantities should make the patch square, or nearly so. This will permit the pollen to blow down on the silk, pollenizing the ears. Early varieties may be planted up to July 5 in the Portland area. Do not sprinkle sweet corn when tassels are pollinating the corn silks.

OPEN POLLINATED VARIETIES

PRICES—Uniformly: Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 65c; For 5th zone and beyond, 14 oz. 75c. Not prepaid, of one variety, 1 to 3 lbs. @ 50c; 4 to 9 lbs. @ 40c lb.; 10 lbs. @ 35c lb.; 25 lbs. @ 30c per lb.

GOLDEN MIDGET—A miniature sweet corn that has found a place in small city gardens. The stalks grow only 2½ to 3 ft. tall, bearing several small golden ears about 4 to 5 inches long. The quality is very good and it matures very early. It takes very little room in the garden.

***GILL'S EARLY GOLDEN SWEET**—Earliest of the golden varieties. Ears average about the same size as Improved Bantam with stalks four feet tall. We recommend this for market and home gardens. The sweetest high quality, first early variety we have tested. Our own introduction. We have increased the size.

***GILL'S IMPROVED GOLDEN BANTAM**—Superior to the original Golden Bantam in quality and nearly twice the size, also one week earlier. Nearly all ears carry 12 rows of deep, rich golden yellow kernels set close upon the cob. Do not compare this with the original strain, as it is far superior in every respect. It has no superior for quality markets, table, canning or drying. Remember we are the originators of this improved strain and continue our careful stock seed selections each year. Many of our customers will have nothing else. Over 30 years of careful selection by ourselves for quality and size.

***GILL'S GOLDEN EARLY MARKET**—A very large, true sweet corn of golden color. It is a cross between our Improved Golden Bantam and Early White Market. It is ideal for Northern seasons; outstanding, large, early corn. It matures about a week earlier than Improved Golden Bantam. Originated by our firm.

Yellow Sweet Corn Collections

OPEN POLLINATED VARIETIES NO. 1

We offer one packet each of Early Golden Sweet, Golden Early Market and Improved Golden Bantam for 45c; 6 oz. pkg. of each for 95c; 14 oz. pkg. of each for \$1.70. Postpaid. On 14 oz. collection, Postpaid 4th zone and beyond \$1.95. These make a splendid succession if planted at the same time. They are all of high quality.

HYBRID COLLECTION NO. 2

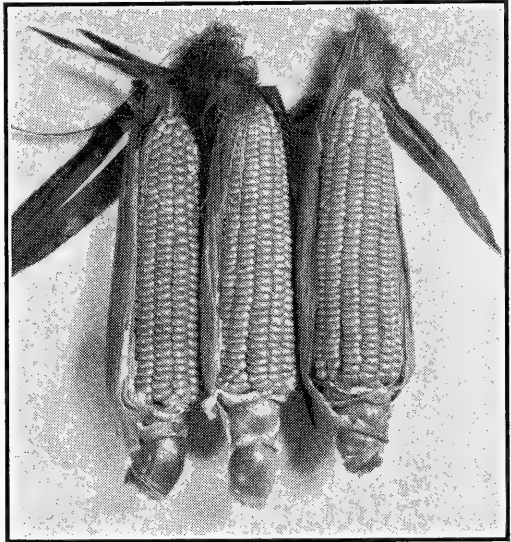
This offers a good rotation in Hybrid varieties. One packet each of Early Marcross, Golden Beauty and Lincoln for 45c; 6 oz. pkg. of each \$1.00; 14 oz. pkg. of each \$2.10. Postpaid. On 14 oz. collection, 4th zone and beyond, \$2.20 Postpaid. By planting both collections you will have sweet corn for a long season.

Pop Corn

MINHYBRID 250 HULLESS—Extra early corn that pops about one-third more than old varieties. The finest of quality, flavor and crispness. Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 75c.

SOUTH AMERICAN GOLDEN HYBRID—Early, golden kernels of medium size. Good yield and fine quality. Same prices Minnhybrid Hulless.

***AUSTRALIAN HULLESS (Improved White Rice)**—Small, sharp pointed, white grains. Extra fine quality. Postpaid. Pkt. 15c; 6 oz. 30c; 14 oz. 50c; Not prepaid, 5 lbs. @ 35c lb.



Improved Golden Bantam Corn, This Page.

Endive

CULTURE—Similar to lettuce. The outer leaves can be tied over the head to bleach. **PRICES**—Pkt. 20c; oz. 45c; ¼ lb. \$1.00; lb. \$2.50.

LARGE GREEN CURLED—One of the best.

BATAVIAN BROAD LEAVED—Frequently called Escarolle.

GREEN CURLED RED RIBBED—A late fringed variety of good size which forms a good blanch heart in the fall. Ribs are reddish rose.

SALAD KING (New)—It grows much larger than Large Green Curled. This dark green strain withstands more hot weather or frost and holds special promise for market gardeners. Vigorous plants with white ribs. Pkt. 20c; ½ oz. 35c; oz. 55c; ¼ lb. \$1.50; lb. \$3.50.

Egg Plant

Start in hot beds like tomatoes. Set 2 feet apart in the rows and 3 feet between.

BLACK MAGIC HYBRID—(New)—Heavy producer, extra early and very vigorous. Glossy dark purple. Fruit, medium size, oval shape. Pkt. 25c; ¼ oz. \$1.60; ½ oz. \$2.75; oz. \$5.00.

EARLY BLACK—A small extra early variety from Japan. Fine quality. Postpaid. Pkt. 20c; ½ oz. 75c; oz. \$1.25.

BLACK BEAUTY—Large early variety. Color, rich, lustrous purplish black. Postpaid. Pkt. 20c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.25; lb. \$8.00.

NEW HAMPSHIRE HYBRID—Extra early variety. Fruit, round, olive shape. Good for short seasons. Pkt. 25c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.00.

GARDEN BOOKS (Prices Postpaid)

Garden Flowers in Color, by Daniel J. Foley. \$3.95.

Sunset—Western Garden Book. \$3.95.

Sunset—Vegetable Garden Book. \$1.65.

Greenhouse Gardening for Everyone, by Earnest Chabot. \$4.75.

Better Homes & Gardens, Garden Book. \$3.95.

Hybrid Sweet Corn

PRICES—Unless noted, Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c; For 4th zone and beyond 14 oz. 80c. Not prepaid, in any one variety, 1 to 3 lbs. @ 65c lb.; 4 to 9 lbs. @ 60c lb.; 10 lbs. @ 55c lb. Write for prices on larger quantities.

BUTTER SWEET (No. 199) (See Back Cover)

This new hybrid excels in many ways. It ranks very high in quality, production and appearance. It is outstanding for home use, commercial production for markets, canning, freezing and roadside sales. Exceptional in its butter sweet flavor and really tastes like it had been buttered. Home gardeners are enthusiastic about it. Plants 7½-8 feet tall, sturdy with dark green leaves, few suckers, ears easy snapping. Ears 7½-8 inches long, 2½" diameter, 18 to 20 rows. Narrow, very deep kernels, bright golden butter color. Rated 84 days to maturity. Pkts. 25c; 6 oz. 45c; 14 oz. 85c. Not prepaid, 1 to 3 lbs. @ 70c; 4 to 9 lbs. @ 65c lb.; 10 to 25 lbs. @ 60c lb.

EARLIKING—A splendid newer extra early hybrid with vigorous stalks, 5-5½ feet tall and with few suckers. Ears 7-8 inches long, 1¾ inches diameter, well covered with dark green husks. 12 rows, rated 66 days to maturity. Pkt. 20c; 6 oz. 45c; 14 oz. 80c. Not prepaid, 1 to 3 lbs. @ 70c; 4 to 9 lbs. @ 65c lb.; 10 lbs. @ 60c lb.

SUGAR KING HYBRID—A new, large, second early hybrid. Ideal for early canning, as it features outstanding sweetness and tenderness. Large, 14-16 row ears are cylindrical, excellent for processing. Kernels are narrow, deep, give high recovery of cut corn. Sugar King fills the need for a high quality sweet corn maturing a week to ten days earlier than Golden Cross. Maturity date: 78 days. Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 75c. Not prepaid, of one variety, 1 to 3 lbs. @ 65c; 4 to 9 lbs. @ 60c lb.

MORNING SUN (New)—A 72 day early hybrid. Exceptional quality and yield with outstanding sweetness and tenderness. Has long deep kernels and 14-16 row ears. Ideal for home and market gardens. Excellent plant, color and spring vigor. A first early for canners. Dark green husks. Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 85c. Not prepaid, 3 to 9 lbs. @ 65c lb.; 4 to 9 lbs. @ 60c lb.

POT O GOLD (Canearly)—High quality hybrid early midseason that is outstanding in all characteristics, especially in market appearance. It has earliness, yield, market and ear appearance, all being important for market gardeners. Plant height 78", ears about 21 inches above ground. Rows 12 to 16, with 6½ to 7 inch ears. Fine grain color, good ear shape and quality, excellent early variety.

VICTORY GOLDEN—Very outstanding for both high yields and quality. 7½ to 8 feet tall and very resistant to bacterial wilt. Ears 12 to 16 rows, are 8-8½ inches long and very uniform; golden yellow kernels with medium width, of splendid flavor. 84 days. A wonderful variety. Postpaid. Pkt. 20c; 6 oz. 45c; 14 oz. 85c. Not prepaid, 1 to 3 lbs. @ 70c lb.; 4 to 9 lbs. @ 65c lb.

***IOCHIEF**—A fine yellow hybrid. Claimed to have top rating for yield and cutting percentage. Excellent performance in drought. Very good flavor and tenderness. Stalks 7-7½ ft. and nearly free of suckers. Ears 8½-9 inches long, cylindrical, filled to the tips; 16-20 rows of deep, narrow grains. Good rich color and clean silker. Good husk color and ears hold well in prime condition. Gardeners like the large ears of fine quality.

GOLDEN BEAUTY—5-6 feet tall, very few suckers, dark green medium wide leaves. Ears 7-8 inches long, 12 rows, 1¾ inches diameter, well filled tips with kernels of medium width and depth. Dark green, good husk cover, long flag leaves, white silk. A splendid early variety.

***CARMELCROSS**—Large, uniform golden ears, 12 to 14 rows, about one week later than Early Marcross. Very fine quality and a good producer. A fine market variety and very popular where Golden Cross Bantam is too late.

F. M. CROSS—A newer hybrid with large, golden ears which are earlier than Golden Cross. Compares with Carmelcross for earliness and with ears larger than Golden Cross. Grains deep and of high quality. Very satisfactory with market gardeners. Write for quantity prices. Pkt. 20c; 6 oz. 45c; 14 oz. 85c; Postpaid. Not prepaid, 1 to 3 lbs. @ 75c lb.; 4 to 9 lbs. @ 70c lb.

TENDERMOST—Ears are somewhat larger and longer than Golden Cross. Plants 6 inches taller and a few days later. Very productive. Grains quite deep and of very fine quality. Exceptionally sweet and tender. Here is real quality. Large ears with white silk. One of the best hybrids with outstanding sweetness and good yield. Pkt. 20c; 6 oz. 45c; 14 oz. 85c. Not Prepaid, 1 to 3 lbs. @ 75c lb.; 4 to 9 lbs. @ 70c lb.

***GOLDEN CROSS BANTAM**—A hybrid valuable where Stewart's disease (wilt) makes it impossible to grow ordinary varieties. Excellent for market gardeners and canners. 12 row ears, more resistant to worm damage and one of the best for yield. Matures uniformly. Ideal for freezing.

***EARLY MARCROSS**—An early yellow hybrid with 12 row ears, longer than Golden Early Market and about one week later. Good quality.

***LINCOLN**—(Lincoln Type No. 45)—Vigorous, well foliated plants with ears 12 to 16 rows. Bright yellow kernels of fine quality. Valuable late variety. Heavy production of fodder and ears help for dairy feed.

MELLO-GOLD—Ideal for canning and freezing. 85 days, holds well in the field. Very sturdy, 7½ foot stalk. Very high quality. Very few suckers. Ears 8-8½ inches; 12 to 16 rows.

***SPANCROSS**—A first early hybrid for home or market. Very resistant to disease. Large ears, golden yellow, tender and sweet.

***WHITE CROSS BANTAM**—A valuable white hybrid of outstanding quality. Strong stalks 6 to 7 feet tall, producing large ears with 18 to 20 rows per ear. Pure white grains, somewhat small but deep. We find it equal in sweetness and tenderness to the fine yellow varieties. Season about the same as Golden Cross Bantam.

FIELD CORN

The growing of field corn in the Pacific Northwest has now reached a stage where it is past being an experiment, and with acclimated seed it is not difficult to obtain success. We do not handle any but Northwest grown seed of dent corn. Do not plant near sweet corn or pop corn.

OPEN POLLINATED

HICKORY KING—Early flint corn with broad flat kernels. Large, long ears with white grains. Ideal for meal and hominy. Postpaid. Pkt. 20c; lb. 60c. Not prepaid, 5 lbs. @ 50c lb.

HYBRID FIELD CORN

PRICES—Postpaid. Pkt. 20c; lb. 60c; Not prepaid, lb. 45c; 10 lbs. @ 35c lb.; 50 lbs. @ 24c lb.; 100 lbs. or more @ \$22.00 per 100 lbs.

***IDAHO HYBRID (Grain Type)**—Same season as Minn. No. 13. The extensive root system keeps the plants erect, producing extra long ears and a heavy yield of grain. Good for grain or ensilage.

***OREGON HYBRID 355**—Very popular in Western Oregon for grain or ensilage. Medium early, heavy producer of deep, golden grains.

***OREGON HYBRID NO. 150**—A splendid yellow dent hybrid ripening in a little over 100 days. Uniform large ears; heavy yielding for grain or ensilage. This takes the place of No. 525. It yields heavier, and better for silage.

CUCUMBERS

CULTURE—Plant rows 4 feet apart in rich, loamy soil, from May 1 to July 1; 8 to 10 seeds to a hill; thin to two or three good vines. Cover seed one inch deep and press soil fairly firm.

PRICES—Unless noted: All prices listed are Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c; lb. \$2.00.

TOTAL MARKETER—New hybrid. High yielding, uniform dark green fruits. Rated 65 days to maturity. Fruits 8-9 inches long. Resistant to Downey Mildew and Mosaic. It outyields open pollinated Marketer and ideal shipper and for greenhouse culture. Pkts. 30 seeds, by measure, 25c; ¼ oz. \$1.35; ½ oz. \$2.20; oz. \$4.00.

ARMENIAN YARD LONG—Distinct curved fruits, often 2 or 3 feet long, with diameter of 3 to 4 inches. Color, grey-green. Postpaid. Pkt. 25c; oz. 60c; ¼ lb. \$1.50.

SMOOTHIE (New)—Winner of All-America Award. This was developed primarily for home gardeners. A vigorous producer, fine flavored, crisp-textured cucumbers, noted for smooth skin of delicate green color. High quality. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.00; lb. \$5.50.

LONG MARKETER—Produces heavy yields. A new shipping and market variety for sections not troubled with downey mildew. Cucumbers uniformly beautiful, long and slim. Color is dark green that holds good in shipping or storage. Postpaid. Pkt. 20c; oz. 45c; ¼ lb. 95c; lb. \$2.50.

MARKETER—Popular for home gardens and markets. Fairly smooth, long cucumbers of intense deep green. About 8 inches long with small seed area of finest quality. One of our best sellers for slicing. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

COLONIAL—The cucumbers at market stage average 8 to 10 inches long, dark green and straight. The quality and appearance are both outstanding. Exceptionally vigorous with large deep green foliage and long vines producing heavy crops. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.50.

EARLY SURE CROP HYBRID—Fruit slender, blunt ends, 8 to 9 inches long, 2½ inches in diameter; holds its dark green color well after picking. Flesh is crisp, white and unusually good. Small seed cavity. Vines very vigorous, with large protective leaves. Its resistance to Mosaic and Downey Mildew keep the vines alive and productive long after most varieties have wilted. Suitable for market grower, greenhouse and home garden. Pkt. 30 seeds, by measure, 25c; ½ oz. \$1.65; oz. \$3.00; ¼ lb. \$9.00.

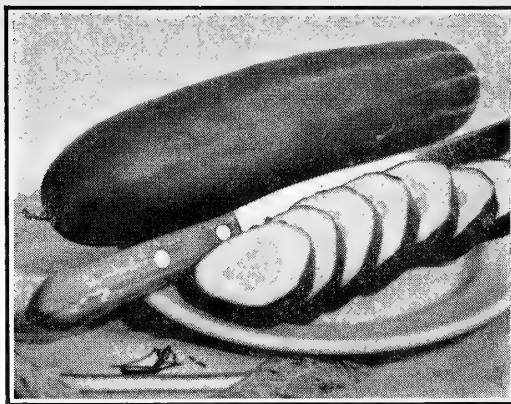
STRAIGHT EIGHT—For home, shipping and market gardens. Fruit uniformly cylindrical, rounded at ends, medium green. Earlier than most sorts and very good for early markets.

SWEET WHITE—Long, slender white cucumbers, often 12 inches long, with brittle flesh and small seed cavity. It is very free from bitterness. It does best in quite rich soil. Unexcelled for slicing and ideal for bread and butter pickles. Because of its tenderness half grown cucumbers can be used without peeling. Our introduction. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.25.

CUBIT—A prolific, white spined variety distinguished by uniform, dark green exterior color and long blunt ends and cylindrical shape. The interior has smooth, crisp texture with small seed area and it is admirably adapted for slicing. It holds its fresh quality well. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.10.

IMPROVED EARLIEST OF ALL—Vigorous grower. Dark green, desirable for slicing and pickling. Very good for early markets.

THE VAUGHAN or LONGFELLOW—Ideal for market purposes. Cucumbers are long, straight and of even diameter. For slicing they will average 10" long and about one and one-half inches in diameter. They are very deep green and the quality is extra fine, also good for greenhouse crops. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.



Cucumber, Smoothie, This Page.

BURPEE'S HYBRID—Most outstanding, disease resistant slicing cucumber; vines extremely vigorous, long lived, bearing a big crop of long, straight fruits of finest quality. Pkt. 30 seeds, by measure, 25c; ½ oz. \$2.20; oz. \$4.00.

ASHLEY—High yields of dark green fruits. Extra early and popular with market gardeners. Mildew resistant. One week ahead of Marketeer; fruits 7 to 8 inches long. Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.60.

DAVIS PERFECT—A strong, vigorous grower, producing heavy crops of uniform, long, dark green cucumbers. Good for dill pickles and slicing.

LEMON CUCUMBER—Resembles a lemon. Splendid for pickling or slicing. Outstanding in quality. Free from bitterness and ideal for family use. Pkt. 20c; oz. 45c; ¼ lb. 90c; lb. \$2.50.

CHINA—Grows 20 inches long and 2 inches thick. Skin bright green, almost spineless. Thick flesh white and crisp. Vigorous grower producing crops over a long season. Ideal for home gardens and exhibition. Pkt. 20c; ½ oz. 45c; oz. 85c.

Pickling Cucumbers

PRICES—Unless noted are: Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 80c; lb. \$1.75.

OHIO M R 25—Mosaic resistant pickler; straight, cylindrical and blocky. Fruits similar to National Pickling. A little shorter than M R 17. Vigorous and productive.

GOLDEN STATE—This mosaic resistant cucumber resembles National Pickling in size, shape and color but surpasses it in vigor.

OHIO M R 17—It matures in 58 days to large dill size. Similar to National Pickling but darker green. One of the best Mosaic Resistant varieties.

SMALL GHERKIN—A small, round, prickly variety used only for pickles. Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

NATIONAL PICKLING—Ideal for pickling; deep green, symmetrical with thick walls; slightly shorter than Chicago Pickling. Heavy yielder.

SNOW'S PERFECTION—A very popular pickling cucumber. Heavy yielder.

DOUBLE YIELD—It produces enormous quantities of pickles of the most desirable shape and color, often producing twice as many as any other variety. Black spines. It is very early, producing fruit of medium length, very straight with blunt ends and of medium green color. Pkt. 15c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

FREE GARDEN BULLETINS

Upon your request we will mail, free, Garden Bulletins by Ray W. Gill. They cover vegetable and flower cultures. See page 33.

HEAD LETTUCE

CULTURE—Can be planted almost any time of the year. Give head varieties plenty of room, at least 14 inches apart each way. Cover one-half inch deep. Referring to head lettuce, it is generally agreed among large growers that some aging of the seed produces earlier and firmer heads, besides making them more sure heading.

Heading Lettuce

PRICES ON HEADING STRAINS—Unless otherwise noted are: Postpaid. Pkt. 15c; ½ oz. 35c; oz. 55c; ¼ lb. \$1.35; lb. \$4.50.

We have a very large trade with market gardeners and sell Great Lake type seed to plant thousands of acres each year. Do not gamble with your crop by buying cheap lettuce seed. Intensive selection has resulted in many strains of Great Lakes, several of which we list below. Market gardeners require many different types to cover the various seasons and climatic conditions. For home gardeners we recommend Pennlake, Early Great Lakes and Progress.

OROVERDE GREAT LAKES—Similar to Great Lakes R. Strain but darker green. Pkt. 20c; ½ oz. 50c; oz. 85c; ¼ lb. \$1.85; lb. \$5.25.

DESERT GEM GREAT LAKES (New)—Uniform dark green heads with small ribs and used for summer growing as it is resistant to tip burn. Good sized heads and slow to bolt. Pkt. 20c; ½ oz. 55c; oz. 95c; ¼ lb. \$1.85; lb. \$5.25.

EMERALD GREAT LAKES (New)—Vigorous, uniform grower. Good for real early spring or fall planting. Inclined to get oversized if harvested in warm weather. Similar in growth to Early Great Lakes. Pkt. 20c; ½ oz. 55c; oz. 95c; ¼ lb. \$1.85; lb. \$5.00. Postpaid.

659 G—Foliage deeper green than 659 with foliage of crinkly texture and large marketable heads. Superb quality, richer color, smoother base, creamy texture and better eating. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.85; lb. \$5.00.

LATE GREAT LAKES (No. 659)—A strain of Great Lakes which matures about one week later than the regular Great Lakes. The heads are darker green than Great Lakes with a light green exterior at the base. They are very sure heading and uniform. Very resistant to heat. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.85; lb. \$5.00.

CORNELL 456—Valuable for growers in Eastern States and some sections of the Pacific Coast. Slightly earlier than Great Lakes. Heads very firm but smaller than Great Lakes. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.85; lb. \$5.00.

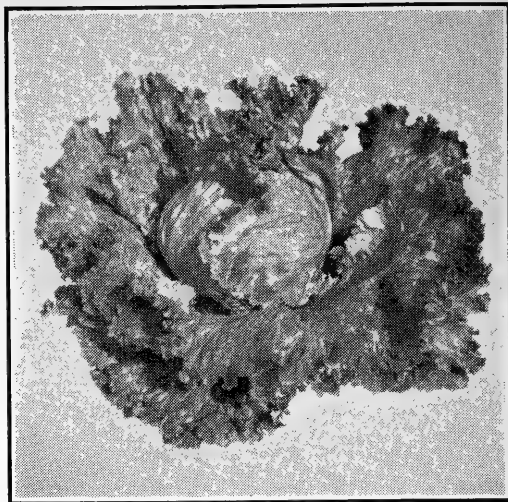
PENNLAKE—Large solid heads of better quality than Great Lakes. Crisp, dark green foliage, showing more refinement than the original Great Lakes and without the ribbiness of that variety. Valuable for early spring and late summer plantings but not best suited for cutting in summer. Splendid for home and markets. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.85; lb. \$5.00.

PREMIER GREAT LAKES—A uniform strain of Great Lakes, slightly earlier than the original. It makes large heads of good quality.

PROGRESS—A cross between Imperial No. 44 and other New York strains. Leaves thick, dark green and savoyed. Relatively resistant to tip-burn. Usually adapted to the same areas as Imperial No. 44. Large, solid heads of very attractive appearance when packed. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.85; lb. \$5.00.

IMPERIAL "44"—Medium sized, firm heads with few outer leaves. Fine for August and early September cutting in the Pacific Northwest. Recommended for general use in Eastern states. Exceptionally fine for low, dark soils.

SUMMER GREAT LAKES—A refined Great Lakes producing uniform, solid heads of fine quality. It is very good for early summer and fall crops. It is exceptionally good for fall cutting.



Lettuce, Pennlake, This Page.

EARLY GREAT LAKES—This fine strain is earlier and more uniform than the original Great Lakes and is more refined with less fringes and the quality is better. In size, about the same as the regular Great Lakes, but equally resistant to heat and tip-burn. The underside leaves are darker green, making them more attractive when packed. Ideal for spring, summer and fall cutting. The solid heads are brittle and sweet. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.85; lb. \$4.75.

GREAT LAKES (R Strain)—A large, sure heading variety resistant to warm weather. Valuable on higher soil and in dry weather conditions. Resistant to tip-burn injury and great ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the heads so that when unwrapped they give large sections desirable for salad. Large, solid heads of fine quality, and sure heading. Good nation-wide. Excellent for early fall crops. Pkt. 20c; ½ oz. 40c; oz. 75c; ¼ lb. \$1.85; lb. \$4.75.

Mosaic Tested Lettuce Seed

Market gardeners should use M.T. seed if they have losses from mosaic. Crops will yield much better and be more salable. We list below several mosaic tested strains. Prices unless noted are uniformly Postpaid. Pkt. 25c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50; lb. \$8.50.

GREAT LAKES 659 M.T.

GREAT LAKES R200 M.T.

GREAT LAKES 118 M.T.

GREAT LAKES SHIPPERS STRAIN M.T.

PREMIER GREAT LAKES M.T.

PENNLAKE M.T.

PROGRESS M.T.

IMPERIAL NO. 44 M.T.

MERIT M.T.

GOLDEN STATE B.M.T.

PHOENIX M.T.

GREAT LAKES R200—95 M.T.

GOLDEN STATE A—M.T.

DARK GREEN COS M.T.—Pkt. 25c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.75; lb. \$6.25.

PARIS ISLAND M.T.—Same prices as Dark green Cos. M.T.

Leek

Easy to grow and will stand through the winter without injury from freezing. Ideal for soups and stews. It can be planted in rows from seed or it can be transplanted. Plant from early spring up to June 1st. If bleaching is preferred cover with soil except a little of the tip leaves.

MUSSELBURG—Vigorous, large sort, suited for market or home use. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.00; lb. \$5.00.

LETTUCE

Loose Leaf and Soft Heading

CULTURE—They have the advantage of quick and easy culture and also contain more vitamins. Loose leaf lettuce can be grown thicker than the heading types.

PRICES—Unless otherwise noted: Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c; lb. \$2.75.

BALLOON LETTUCE (See cut)—A very new and unusual lettuce with many valuable traits. Until well tested it will find greatest use in home gardens. It is very early and can be used over a much longer period than standard varieties. The soft heads are rather loose and are deep green through the whole head. They are very tender and if they start to go to seed the tender green leaves can be picked off the young seed stalks. This lettuce is very tender and sweet. Pkt. 25c; ½ oz. 55c; oz. \$1.00; ¼ lb. \$3.50.

SWEET HEART (New)—This large butter type lettuce is similar in growth to White Boston. A valuable new lettuce for home use or market. Vigorous in growth. One of the best butter head types. Especially valuable for market or home use. Postpaid. Pkt. 20c; ½ oz. 70c; oz. \$1.10; ¼ lb. \$2.50; lb. \$7.50.

BIBB—A small butter-head type, with thick tender leaves; deep green outside and creamy yellow inside. Can be grown in greenhouses.

BLACK SEEDED SIMPSON—Large plants with very tender, loose green leaves. Dependable, quick growing and a popular old favorite.

BRONZE BEAUTY—A bronze counterpart of Oak Leaf. It possesses all the fine points of that variety and is really a beauty; and valuable for decorations. Very tender and sweet. Pkt. 20c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75.

COS. DARK GREEN (Romaine)—A fairly firm head, which is light green and white at the heart. High quality and used in green salads.

RUBY—New Bronze Medal, All-America. Fancy loose leaf type with bronzy leaf. Attractive for decorating. Pkt. 20c; ½ oz. 60c; oz. \$1.00.

RED COS (Romaine)—Mahogany red wherever exposed to the sun, with a heart of deep creamy yellow spotted with red. It holds its red color well. Very tender and sweet. Excellent flavor, never bitter, and fine for salads and garnishing. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.25.

SALAD TRIM—Open-leaved, sun red deep mahogany color. Elongated leaves, excellent tender texture and fine eating quality. It is not a cos but is selected from the cos lettuce. A very attractive decoration for salads. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.50; lb. \$7.00.

SALAD BOWL (Gold Medal All-America)—Tender loose leaf type. Irregular leaves resembling Endive. Slow bolting. Ideal for home gardens. Larger than Oak Leaf. Pkt. 20c; ½ oz. 60c; oz. 95c; ¼ lb. \$2.00; lb. \$5.25.

SLOBOLT—A long standing lettuce with crisp, loose green leaves. It will stand 2 or 3 weeks longer than older sorts, forming rather dwarf, compact plants. Good for all season. Pkt. 20c; ½ oz. 60c; ¼ lb. \$2.00; lb. \$7.50.

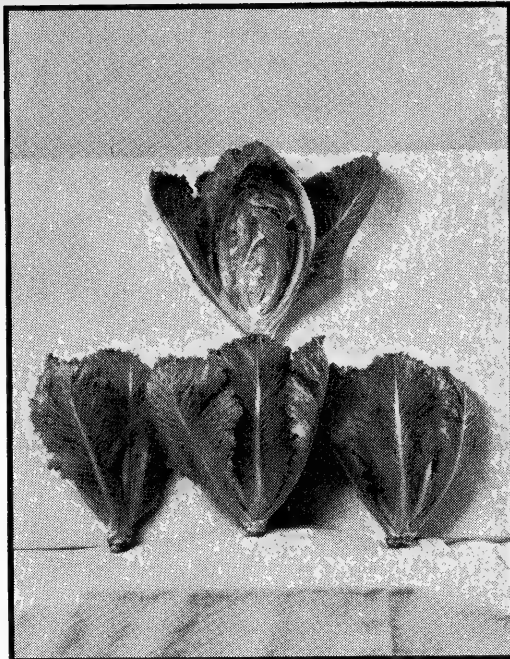
GRAND RAPIDS—The standard hot-house lettuce for forcing; also does fine in the open ground. Loose leaves with light fringed edges.

ICEBERG—Large loose heads, tender and brittle. Withstands hot weather better than most.

OAK LEAF—Forms a bunch or head of medium size and light green. Excellent quality, and free from bitterness, ideal for summer use.

PRIZEHEAD or TOMHANNOCK—A beautiful quick growing loose leaf lettuce. Leaves large, bordered reddish brown; very tender and sweet.

WHITE BOSTON—A large butterhead type. Hardy for early planting. High quality. Outstanding for market or home gardens. Pkt. 20c; oz. 35c; ¼ lb. 75c; lb. \$2.50.



New Balloon Lettuce, This Page.

CHICKEN LETTUCE—A rough, tall, loose plant for feed only. Grows 4 feet high and supplies abundant green feed. Fine tonic for laying hens. Pkt. 15c; oz. 35c; ¼ lb. 75c; lb. \$2.25.

KALE, Edible

CULTURE—Same as that of Cabbage.

DWARF BLUE GREEN CURLED—This is a green shade similar to the common cabbage blue hue. The leaves are not so subject to turning yellow during the winter. Well curled foliage. The most popular for market gardeners. Pkt. 20c; ½ oz. 40c; oz. 75c; ¼ lb. \$1.60; lb. \$4.25.

TALL GREEN SCOTCH CURLED—Tall and finely curled leaves. Recommended because the edible leaves are carried off the ground away from mud splattering. Postpaid. Pkt. 20c; ½ oz. 35c; oz. 55c; ¼ lb. \$1.40; lb. \$3.75.

SIBERIAN KALE—Vigorous plants, 15" tall with spread of 3 feet. Deep green. Pkt. 20c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.40; lb. \$3.75.

Kale for Feeding

JERSEY KALE (Or Thousand Headed)—Large, heavy, massive plants, with giant, broad leaves. This variety produces by far the largest crop. Postpaid. Pkt. 20c; oz. 35c; ¼ lb. 75c; lb. \$2.00.

Kohl Rabi

EARLY WHITE VIENNA—A delicious vegetable, cooked like turnips. Transplant like cabbage in July; rows 2½ feet wide and 1 foot in rows. Can be sown in rows and thinned. Postpaid. Pkt. 20c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.75.

PURPLE VIENNA—Dwarf plants. Shape globular, purple with white, tender flesh. Prices same as Early White Vienna.

OUR FALL CATALOG

Has a big list of new and Standard kinds of perennial flower plants. If you do not have one, ask for it.

MUSKMELON

CULTURE—Loam soil is best, fertilized with rotted manure and a complete commercial fertilizer. Plant 4 to 6 feet, giving more room for larger varieties. Use 8 to 10 seeds to the hill and thin to 3; cover 1 to 1½ inches deep. Turn vines with row to permit cultivation. Plant May 1st to 25th.

PRICES—Unless otherwise noted: Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

SUPER MARKET (F I Hybrid)—New cantaloupe becoming popular because of earliness, high yield and true F1 hybrid vigor. Vigorous vines resistant to Fusarium and Downey Mildew. Round to oval, 7 inches long, 6 inches in diameter, weighing 4 to 5 lbs. Well ribbed and with good netting. Skin tan, slightly white net. Rind tough and stands up well. Fresh deep salmon, thick firm sweet meat and delicious flavor. Small seed cavity. Excellent for home and market. Pkt. 50c; ½ oz. \$6.00; oz. \$9.50.

OREGON DELICIOUS—An improved Spear Melon. We introduced this exceptional melon for quality, size and earliness. They usually weigh 6 to 8 pounds but sometimes up to 12 pounds. The shape is oblong, slightly ribbed and with a creamy slate green color when ripe. The flesh is salmon, very thick and of wonderful quality. The melons are quite heavily netted and of attractive appearance. Seed crop short. Pkt. 20c; ½ oz. 45c; oz. 80c; ¼ lb. \$1.25; lb. \$4.00.

NEW YORKER—A large melon, bigger than Bender with rind very strong or hard, covered with heavy netting. It is slate colored, turning to light yellow gray when fully matured. The thick, brilliant flesh has a very high sugar content and the texture is good and of delicious quality. A better shipper than Oregon Delicious. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.50.

MINNESOTA MIDGET—Extra early small melon of about 2 pounds. Very thick flesh, small seed cavity, high sugar content, nearly round with heavy netting. Heavy yielder. Pkt. 20c; ½ oz. 50c; oz. 85c; ¼ lb. \$1.50; lb. \$4.50.

SULPHUR RESISTANT 91—A good shipper with some tolerance to Mosaic and is resistant to sulphur injury in dusting for powdery mildew. Fruits oval, 3 to 4 pounds, well netted, slightly ribbed, thick salmon-orange flesh, with small seed cavity. 88 days. Length 6½ to 5¾ inches.

HEARTS OF GOLD—Fruit nearly round; weight about 3 pounds; distinctly ribbed, dark green with fine gray netting. Flesh thick, deep salmon; tender, juicy, sweet and aromatic.

GOLDEN PERSHAW (New)—A cross between Cranshaw and the Persian melon. High quality and a good shipper. Golden flesh. Pkt. 20c; ½ oz. 50c; oz. 80c; ¼ lb. \$1.35; lb. \$3.25.

HONEY DEW (Green Flesh)—A round-oblong shaped melon with almost white rind. Flesh thick, light green and sweet as honey.

GOLDEN RIND HONEY DEW (Green Flesh)—Ten days earlier than Honey Dew. Same shape, thick flesh, good flavor and good shipper. Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.75.

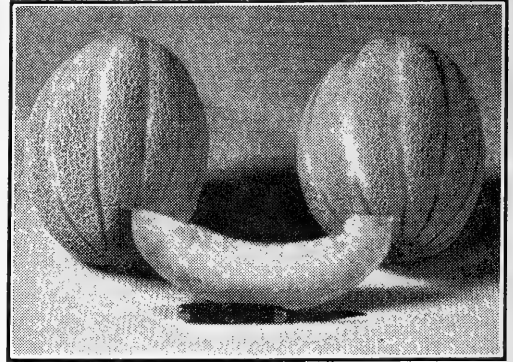
PENNSWEET—Extra early, medium size melon, heavy yielder, of highest quality. Very sweet, thick salmon flesh, highly recommended for home gardens and local sales. Especially noted for very superior quality. Pkt. 20c; oz. 90c; ¼ lb. \$2.50.

CORNELL DELICIOUS—New. An early, large, high quality melon. The flesh is thick, very attractive and deep orange. Early maturity. Pkt. 20c; oz. 50c; ¼ lb. \$1.35.

JUMBO HALE'S BEST or TRIUMPH—Early, very heavily netted, no ribs, and 25 to 30% larger than the regular Hale's Best. Thick, bright orange flesh and extremely small seed cavity.

HALE'S BEST EARLY "936"—A selected strain a little larger than No. 36. Fruit 6½ by 5¾ inches; heavily netted. Flesh deep salmon.

HALE'S BEST No. 36—About one week earlier than No. 936, 5 by 5¼ inches. Uniform heavily netted and fine quality, 85 days to maturity.



Extra Early Knight Melon, This Page.

EXTRA EARLY KNIGHT—A very early green-meated melon. Fruit oblong, weighing around 3 pounds; flesh thick, green, juicy and sweet. One of the earliest for the Pacific Northwest and one of the best green meated melons. Pkt. 20c; oz. 75c; ¼ lb. \$1.35; lb. \$3.00.

GOLD CUP No. 55—Resistant to powdery mildew and produces heavy yields. Uniform, oval melons with solid netting; flesh firm, deep salmon-pink, small seed cavity. 90 days. For best results pick when they slip freely from vine. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

RESISTANT HALE'S BEST No. 45—Shipping melon, very popular among shippers. Fruits slightly oblong, well netted and with solid, deep salmon flesh. A mildew resistant with vines producing melons 6½ by 6". Fine quality, 88 days maturity.

EARLY BENDER—A large, highly flavored, round melon; very early. Delicious, deep orange flesh, high quality variety for home gardens.

MEDIUM PERSIAN—Large, round, heavily netted melon without ridges. Thick orange flesh of delightful flavor. Averages about 7 to 8 lbs. weight. Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

Casaba Melon

CRANSHAW—It is a hybrid casaba maturing about the same season as Golden Beauty Casaba. The flesh is thick, of light salmon color and of fine quality. It is not the best for shipping, but is well suited for nearby markets and stands. Postpaid, Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

GOLDEN BEAUTY—Bright yellow, almost globular in shape and the first to ripen. They will mature in most localities where melons can be grown. Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.50.

Okra

CULTURE—Okra is easy to grow. Plant May 20th to June 20th. Try planting in your garden.

PERKINS MAMMOTH LONG GREEN—Medium early, very productive. Pods 7 to 8 inches long, slender, meaty, tapered and ribbed. Postpaid, Pkt. 15c; oz. 35c; ¼ lb. 60c; lb. \$1.60.

EARLY DWARF GREEN—Very productive of short, deep green pods. Pkt. 15c; oz. 35c; ¼ lb. 60c; lb. \$1.60.

Parsley

CULTURE—Plant in early spring, covering about ½ to 1 inch deep. Can also be planted up to July 15th, with later plantings 1" deep. Prices for each kind: Pkt. 20c; oz. 40c; ¼ lb. 75c; lb. \$2.00.

TRIPLE MOSS CURLED—Dark green.
PLAIN—Dark green, deeply cut, but not curled.
HAMBURG or TURNIP ROOTED—For flavoring soups and stews. Postpaid.

ONIONS

CULTURE—A rich loam is best, fertilized with well rotted manure and commercial fertilizer. Sow seed in Feb. or March if the condition of the ground and the weather will permit. Sow with drill in rows 14 to 16 inches apart; cover one inch deep. Hoe with wheel hoe as soon as they are up, but do not more than scrape the surface as onions do not stand deep cultivation. Thin them to about 4 plants to the foot. It requires 3 to 4 lbs. of seed to the acre. Seed of the white onions can be planted in the spring, summer or fall for green onions. Those planted in the fall, about Sept. 1st, will produce green onions to winter over for early spring use.

PRICES—Unless otherwise noted are uniformly: Postpaid. Pkt. 15c; ½ oz. 45c; oz. 80c; ¼ lb. \$1.90; lb. \$4.75. Not prepaid, 5 lbs. @ \$4.65 lb.

***SELECT OREGON YELLOW GLOBE DANVERS**—The famous Oregon, long keeping onion. They are a rich coppery yellow with rather heavy outer skin. They are large and nearly globe shaped, with small necks. Early, heavy yielding, long keeping variety. White flesh of high quality.

DOWNING'S YELLOW GLOBE (Long Keeper Yellow Globe)—One of the best keeping onions. Brownish yellow exterior, medium large, and fine quality. Very successful here in Oregon as a long keeping, quality onion. It is a cross between Australian Brown and Yellow Globe.

UTAH SWEET SPANISH—A giant globe shaped yellow onion with small top; mild sweet flesh. This strain is an outstanding improvement. Growers who have tried it demand it again. More resistant to thrip and the skin does not break as easily as other strains we have tested. We offer a very fine strain. Pkt. 20c; ½ oz. 50c; oz. 85c; ¼ lb. \$1.90; lb. \$5.00.

WALLA WALLA SWEET—Large, early yellow onion of mild flavor. Used by growers in Walla Walla territory for fall or early spring planting. A valuable strain of Early Sweet Spanish. Large, mild onions, very hardy against cold weather, making them ideal for fall planting to winter over for the first crop. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.00; lb. \$5.50.

SOUTHPORT RED GLOBE—Bulbs large, globe shaped, skin thick, very deep purple red; flesh white with tinge of pink. Excellent keeper. (Short crop.) Postpaid. Pkt. 20c; ½ oz. 50c; oz. 85c; ¼ lb. \$1.90; lb. \$5.50.

COLORADO YELLOW SWEET SPANISH No. 6—A large, heavy yielder in the sweet Spanish type. A good keeper by comparison; color a little darker than Utah Sweet Spanish. Pkt. 20c; ½ oz. 50c; oz. 85c; ¼ lb. \$1.90; lb. \$5.00.

EARLY YELLOW GLOBE—Considered the best early market onion for either muck or upland soils. It is early, large and a good keeper. Nearly globe shaped; color deep yellow.

EARLY RED CALIFORNIA—A very large extra early deep blood red onion. This is the best for a red mild sweet onion. Deep flat shape. Pkt. 20c; ½ oz. 45c; oz. 85c; ¼ lb. \$2.50; lb. \$6.50.

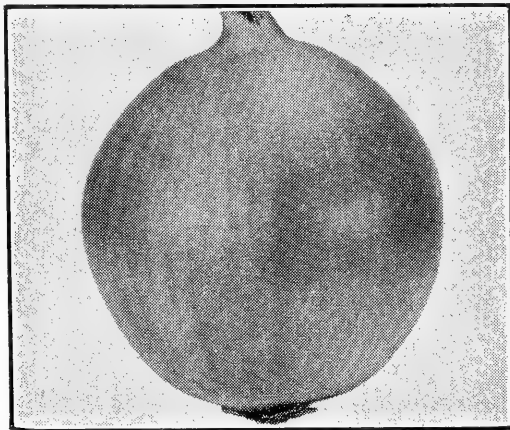
RED TORPEDO—Very large, torpedo shaped onion, usually planted in the fall to winter over for early summer harvest. Flesh very mild. Pkt. 20c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.60; lb. \$6.85.

Hybrid Onions

FIESTA—Very short crop. Offered in Pkts. only @ 25c. On quantities please write, however, chances are very poor as they are scarce.

***BROWN BEAUTY**—Bulbs, large, globular, with a tight outer shell. Firm flesh, nearly white, crisp and of mild flavor. Uniform bulbs maturing 10 to 15 days earlier than Sweet Spanish types. Good storage quality. Pkt. 20c; ½ oz. 55c; oz. \$1.00; ¼ lb. \$3.00; lb. \$8.50.

EPOCH—Matures early with a small well-closed neck. Bulbs are a high-globe in shape, of large size, with dark yellow scales that adhere well in storage. The firm flesh makes it an ideal onion for machine handling. A good sort for prepackaging. Pungent in flavor. Postpaid. Pkt. 20c; ½ oz. 60c; oz. 90c; ¼ lb. \$2.00; lb. \$6.50.



Onion, Utah Sweet Spanish, This Page.

White Onions

PRICES—Unless otherwise noted are uniformly: Postpaid. Pkt. 15c; ½ oz. 50c; oz. 85c; ¼ lb. \$2.00; lb. \$5.00. Not Prepaid, 5 lbs. @ \$4.75 lb.

CRYSTAL WAX BERMUDA—An early white onion, very flat, very sweet.

WHITE PORTUGAL—A hardy medium early sort of flattened shape and clear white skin. Extensively planted by gardeners for green onions, pickling, sets and commercial onions.

SELECT SOUTHPORT WHITE GLOBE—Handsome globe-shaped white onions noted for keeping qualities and heavy production. A fine strain for growing commercial onions. Postpaid. Pkt. 20c; ½ oz. 50c; oz. 85c; ¼ lb. \$2.00; lb. \$5.25. Not prepaid 5 lbs. @ \$5.00; 10 lbs. @ \$4.90 lb.

WHITE GLOBE—The regular type of Southport White Globe which we sell mainly for green bunching onions. The long white color is ideal for bunching. Pkt. 15c; ½ oz. 50c; oz. 85c. ¼ lb. \$2.00; lb. \$4.25. Not prepaid, 5 lbs. @ \$4.00 lb.

JUMBO WHITE SWEET SPANISH—Larger than White Sweet Spanish and valuable where heavy yields are desired. Very popular for dehydration. Pkt. 20c; oz. 85c; ¼ lb. \$2.00; lb. \$5.75.

WHITE SWEET SPANISH—A large white onion. Bulbs globular with small neck, pure white skin and mild flesh.

IMPROVED GREEN BUNCHING (White Lisbon)—This is an improved strain of White Lisbon with taller tops and longer white meat. This is getting more popular each year. Demand has increased. Pkt. 15c; ½ oz. 45c; oz. 85c; ¼ lb. \$2.00; lb. \$4.35. Not prepaid, 5 lbs. @ \$4.00; 10 lbs. @ \$3.90 lb.

Garlic

CULTURE—Garlic does best when planted in the fall in late October and in November or in the spring as early as possible. Place rows 18 inches apart and space the garlic sections 4 inches apart. Leave the tip of the sections just barely covered.

SILVERSKIN—Large, late keeping variety. Postpaid. ½ lb. 45c; lb. 75c. Beyond 4th zone add 5c per lb. Not prepaid, 5 lbs. @ 60c lb. Write for prices on quantities.

GIANT SALAD—Large size, a single plant will weigh 8 to 12 ozs. when cured. ½ lb. 60c; lb. \$1.00. Postpaid.

ONION SETS

***BOTTOM SETS**—Small onions grown from seed planted too thickly to reach mature size. They produce green onions in a short time, or if left to grow they will produce nice, large dry onions earlier than those grown from seed. It is best to use the smallest sets to provide dry onions and larger ones for green onions. We can supply only Australian Brown onion sets. In the fall we can supply white sets at these prices. **Postpaid.** ½ lb. 30c; lb. 50c; 3 lbs. for \$1.25. Beyond 4th zone add 5c per lb. Not prepaid, 5 lbs. @ 33c; 10 lbs. @ 30c lb.

YELLOW MULTIPLIER or SHALLOTS—Popular perennial that multiplies each year. Desirable for early crops. Brown skin, mild, white flesh. **Postpaid.** ½ lb. 50c; lb. 85c.

EGYPTIAN or TOP SETS—Only offered in the Fall. See our Fall Catalog.

POTATO ONION SETS—This old-fashioned type of onion sets is very scarce. They are grown very much like shallots and usually planted in the spring. They may be left in the ground year after year or dug and cured in the latter part of August. Valuable as dry onions and as such are long keepers. Valuable for seasoning since they keep nearly all the year. **Postpaid.** ½ lb. 50c; lb. 85c.

ONION PLANTS

WHITE BERMUDA, UTAH SWEET SPANISH, WHITE SWEET SPANISH, WALLA WALLA SWEET, WHITE PORTUGAL, and DOWNING'S YELLOW GLOBE—These will grow early onions. (Ready late February.) Not available after May 1st. Plant in spring as soon as weather permits. **Prices postpaid.** 1 bundle, about 75 to 100 plants, 50c; 2 bundles, 85c; 5 bundles, \$2.00; 10 bundles, \$3.50. The bundles are put up by measure, not counted. In the early spring the smaller plants will usually count around 100. In the late season they may count as low as 60. Shipments beyond 4th zone not recommended. Write for prices on crates of 60 bundles.

POTATOES

PRICES ON SMALL LOTS—**Postpaid 1½ lbs. for 95c.** We do not send potatoes C.O.D. We can supply most leading sorts, such as Early Rose, Nette Gem, Burbanks, Red Pontiac, Bliss Triumph and Kennebec. Write for varieties available and current Spring price list. Prices change each month for extra costs of cold storage.

NEW POTATOES, MAY THROUGH NOVEMBER

Our experience shows that we can plant early potatoes in early Spring, also July 1st and Aug. 20th, and thus enjoy new potatoes all the time from May to Dec. Use with frozen peas if desired. Plant early certified seed potatoes and Red Pontiac is a fine variety. It has wonderful flavor.

PEANUTS

Many home gardeners have been quite successful growing peanuts here at Portland, thus indicating they can be grown successfully in this climate. Plant in corn planting weather, either shelled (leave brown skin on kernels) or in shells. **In Shells, postpaid.** Pkt. 25c; 6 oz. 50c; 14 oz. 85c.

REASONABLE PRICES

Our prices are reasonable considering the quality; also increases in transportation, labor and other costs.

MUSTARD

PRICES—Unless noted are: **Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 65c; lb. \$1.50.**

GREEN WAVE—The slowest bolting fancy leaved Mustard to supercede the Giant Southern Curled Longstanding strains. Large green curled leaves. Market gardeners are enthusiastic. **Pkt. 20c; oz. 45c; ¼ lb. 85c; lb. \$1.85.**

FLORIDA BROAD LEAF—Large, upright plant; leaves exceptionally large and thick, bright green. Leaves smooth with toothed edges.

FORDHOOK FANCY—Vigorous growing mild variety, standing a long time before going to seed; leaves bright green, intensely fringed.

ELEPHANT EAR (Or Chinese Broad Leaf)—Large plants having a diameter of 18 to 24 inches. Leaves smooth, large, broad oval. Bright medium green color, tender and mild flavor. **Pkt. 20c; oz. 35c; ¼ lb. 65c; lb. \$1.65.**

GIANT SOUTHERN CURLED (Long Standing Strain)—Leaves long and wide, light green, heavily crumpled and curled. Suited for fall crops.

TENDER GREEN—Sometimes called mustard spinach. Rapid growing. Oriental greens producing immense yields. It is suited for early spring or fall sowing. Mild mustard flavor, smooth leaves.

BOK TOY SPECIAL—A Chinese variety of large size and mild flavor. Plant in rows or sow broadcast in mid-August or early September. Commercial growers transplant the seedlings in very rich soil. Special selected seed from a successful grower. **Pkt. 20c; ½ oz. 85c; oz. \$1.50; ¼ lb. \$4.50; lb. \$12.50.**

PARSNIPS

CULTURE—Same as carrots, except time of planting, which should be about May 1st.

PRICES—Unless noted: **Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 80c; lb. \$1.75.**

***GILL'S TENDER HEART**—Because of the superior quality of this parsnip, our family has retained this seed annually for over 60 years. Unlike other parsnips, the heart is tender, never tough; roots are smooth, hollow crown, thick and heavy at top, tapering abruptly, making it easy to dig. An early sort good for early and late crops. We are the originator. Seed of our own growing. Very short crop. **Postpaid. Pkt. 20c; ½ oz. 60c; oz. \$1.00.**

HARRIS MODEL—Long, very smooth, white and remarkably free from small roots and prongs. Ideal for market gardeners who wish a long straight parsnip well suited for packing full length in lug boxes.

SMOOTH WHITE—Popular for growers who like a type without too broad shoulders and a less abrupt taper than short varieties. Longer than Hollow Crown, with smooth roots evenly tapered and attractive light color. The whitest and does not discolor as quickly out of the ground.

SWEET POTATOES

CULTURE—Set out in rows 3½ feet apart and 15 inches apart in row, about May 15th to June 20th. Use loam soil in a warm location. Acclimated fresh dug plants are very essential. **We do not supply tubers.** Each year there is a steady increase in home garden planting of Sweet Potatoes. They are quite easy to grow.

BUSH PORTO RICO—Large leaves. Very vigorous and heavy producer. Strong, healthy plants. **Postpaid. Doz. 85c; 3 doz. \$1.75; 100 for \$3.25.**

Bottle Mushroom Spawn

Grown in sterile bottles which are removed and the spawn then packed in cartons. One carton of spawn sufficient for 40 sq. ft. of bed. Produces fine white mushrooms. **Postpaid. Per carton, \$1.75.**

GARDEN PEAS

CULTURE—Plant as early as the ground can be worked in the spring. Peas will not reach perfection if planted after May 1st, although they will make a fair crop. They should be well rooted before warm weather begins. If planted during February and March, they will mature before the aphids get started. Our Northwest grown seed is acclimated and will give better results. Pea seed planted in winter months should be treated with Semesan. Where peas have not previously been grown on the land it is valuable to use NITRAGIN. For seed treatment we recommend Captan if Nitragin is used.

PRICES—Unless otherwise noted are uniformly: Postpaid. Pkt. 20c; 6 oz. 40c; 14 oz. 70c; For 4th zone and beyond: 14 oz. 75c. Not prepaid, of one variety, 1 to 3 lbs. @ 50c lb.; 4 to 9 lbs. @ 45c lb.; 10 lbs. @ 38c lb. Write for prices on quantities.

TALL VARIETIES

***FREEZONIAN**—Very sweet. A little larger than Thomas Laxton with vines about 3 feet tall. Hardy and wilt resistant. Dark green pods. Ideal for freezing or canning. Heavy producer.

***WORLD'S RECORD**—An improved Gradus, being earlier and more dwarf. Darker green pods containing 7 to 9 peas of high quality.

***SURPRISE**—Very early. Vines 3'. Pods 2½". Fine quality and flavor. Excellent canning variety. Sweeter than Alaska. A small seeded variety.

***IMPROVED TELEPHONE (Dark Green or Alderman Strain)**—Dark green vines and pods. Vigorous growth, 5 to 8 feet, producing enormous crops. Pods 4½ to 5½ inches long, containing 8 to 11 peas of high quality. Excellent for home gardens, market gardens and shipping.

***THOMAS LAXTON**—An early, medium large podded pea of high quality. Vines 3 to 3½ feet. Dark green pods 3½ inches long with 7 to 8 peas. Ideal for market, canning and freezing. Heavy production. Exceptionally sweet and tender.

***ALASKA**—An extra early, smooth seeded pea. Vines about 2½ feet tall. Well filled pods of medium size, filled tight with small light green peas. It can also be used for pea soup when ripe.

***VICTORY FREEZER**—Vines 24 to 30 inches tall. Pods 3½ inches long, blunt ended, borne doubly, straight, 7 to 9 peas per pod. Peas dark green, medium size, fine quality. Valuable for canning and freezing. Wrinkled seed.

***MAMMOTH MELTING SUGAR (Edible pods)**—The large, broad pods are 5 or 6 inches long and are cooked like snap beans. Short crop. Pkt. 20c; 6 oz. 45c; 14 oz. 75c.

DWARF VARIETIES

***LITTLE MARVEL**—Superior to the American Wonder with 3" pods, better quality, and popular.

***PACIFIC MARKET, No. 40**—A splendid dwarf variety for shippers and market gardeners. Plants are dark green, stocky, branching, resistant to Fusarium wilt. Pods round, dark green, plump, pointed, curved at tips and containing 8 to 10 large peas of finest quality, suited for market, freezing or canning. Vine 28", pods 5" long.

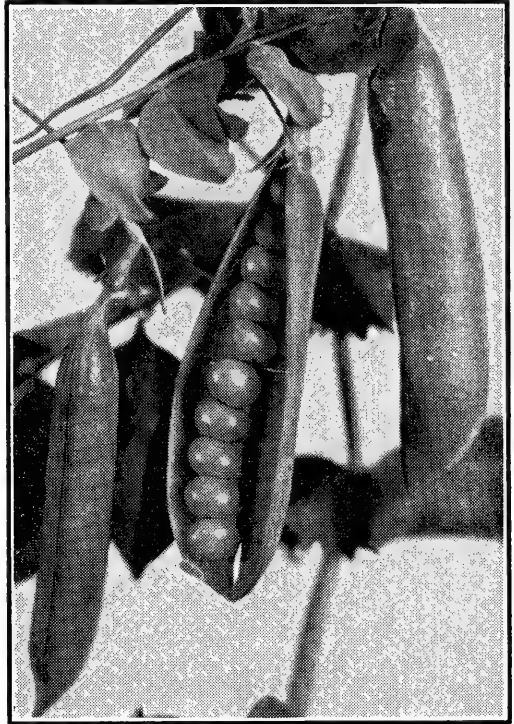
***DWARF TELEPHONE**—A large podded late variety with productive plants resistant to Fusarium wilt. Vines 24 inches tall, pods 4½ inches long, peas of high quality. 77 days to maturity.

MORSE'S NO. 55—An excellent dwarf market garden pea. Pods large, straight and well filled. Vines 20 to 28 inches tall. Medium season.

***LAXTON'S PROGRESS or IMPROVED LAXTONIAN**—Pods larger than Hundredfold and a few days earlier. Vines medium dark green; pods handsome dark green; peas large and extra sweet. Extra fine for canning and freezing.

***MORSE'S PROGRESS (No. 9)**—A new type of Laxton Progress popular with market gardeners. Pods slightly larger, maturing a few days earlier than Laxton's Progress. Even maturity.

***DWARF GRAY SUGAR**—Vines 24 to 30 inches tall. Pods 2½ to 3 inches long. Edible pods but are at best when picked young, then they are tender and sweet and entire pods are cooked like snap beans. Dry seeds, small, round and reddish-gray.



Improved Telephone Peas, This Page.

CALIFORNIA BLACKEYE (No. 5)—An improved type from the old Dwarf or half runner type. Dry seed is white with black eye. For table use. It is popular in the South. Postpaid. Pkt. 20c; 6 oz. 35c; 14 oz. 65c.

Succession Pea Collection

We offer the following, suited for home gardeners who wish a variety of peas running from early to late. Postpaid: 1 Pkt. each, Little Marvel, Laxton's Progress, Freezonian, Improved Telephone and Pacific Market. Worth \$1.00 for 75c; 6 oz. worth \$2.00 for \$1.60, or 14 oz., worth \$3.50 for \$3.00. Add 15c each 14 oz. collection, 4th zone and beyond.

New Pricing Plan On Beans, Corn and Peas

Many of our customers state that one-half pound lots and one pound lots provide too much seed. Therefore, in place of one-half pound lots we now offer 6 ounce packages, and in place of one pound lots we offer 14 ounces. This allows us to lower the price by reducing the amount of both seed and postage. Extremely high postage now required are a big factor in the cost. One pound lots are quoted F.O.B. Portland. This plan has met with good favor and will save money for our customers.

PEPPERS

CULTURE—Start plants in a hot bed or in pots in a warm room or hot bed in February or early March. Transplant to open ground May 10th to 20th, rows 3 feet apart, 1½ feet in row.

PRICES—Unless otherwise noted are uniformly: this includes Hot Peppers. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.00.

KEYSTONE RESISTANT GIANT—A very large four lobed pepper that has made a big hit. Mosaic resistant variety of very large size. Plants 28 inches tall, upright. Size 4½ inches long, 3¾ inches across, dark green turning dark red when ripe. Very thick, sweet flesh. Vigorous upright plants. Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50; lb. \$10.00.

LIBERTY BELL—Deep green, thick walled and 4 lobed. Claimed to be superior to Yolo in both production and quality. Resistant to tobacco mosaic. Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50; lb. \$11.00.

YOLO WONDER—A fine new large early sweet pepper. Mosaic resistant and produces very uniform blocky peppers with thick meat.

VINE DALE (New)—A large first early pepper, valuable for ripe or green sweet peppers.

LARGE SWEET YELLOW—About ¾ the size of California Wonder. The largest sweet yellow pepper. Yellow flesh. Pkt. 20c; ½ oz. 85c.

CALIFORNIA WONDER—This fine pepper has very heavy meat. Large, blocky fruit, exceptionally mild and sweet. Fruit crimson, measuring 4½ inches long by 4 inches in diameter.

PIMIENTO—Large plants, erect, prolific. Fruit heart shaped, bright red, thick meat and sweet. Pkt. 20c; ½ oz. 40c; oz. 80c; ¼ lb. \$2.25.

Hot Peppers

FLORAL GEM—Very hot, productive, early, pepper. Fruit ¾ to 1 inch thick and 2 inches long; bluntly conical; waxy green turning scarlet.

LONG RED CAYENNE—Long red peppers; extremely hot. Postpaid. Pkt. 20c; ½ oz. 50c; oz. 80c; ¼ lb. \$2.25.

HUNGARIAN WAX (70 days)—The fruits turn from green to light yellow, then to red as they ripen. It is quite hot. Fruit 5-6 inches long and 1 inch thick. Postpaid. Pkt. 20c; ½ oz. 50c; oz. 80c; ¼ lb. \$2.25.

ITALIAN HALF LONG HOT—A very hot red pepper when ripe or green. An early variety and a heavy producer of peppers 4 to 5 inches long. String these to dry and use as needed. Pkt. 20c; ½ oz. \$1.85; oz. \$3.50.

ANAHEIM CHILLI (Special Strain)—A re-selected strain of this variety. Plants 2 feet, fruit long and narrow, 6 to 8 inches long, tapering to a point. Only mildly pungent. Deep green fruit, changing to bright scarlet.

ORIENTAL RADISH

NERIMA—Often grows 15 to 18 inches long and 1½ to 2½ inches in diameter, skin pure white. They can be dug and covered with soil, keeping throughout the winter. Sow in rows 2½ feet apart about August 1st and thin to 1 foot apart. Plant in rich, well-drained soil. Pkt. 20c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$4.50.

RADISH COLLECTION

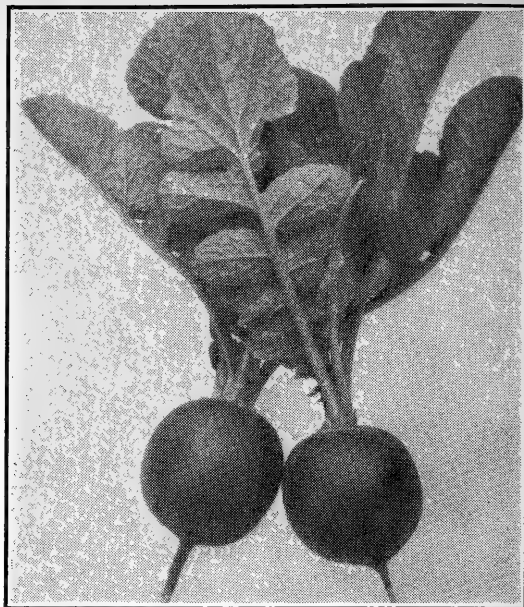
We will mail one packet of each of the 8 varieties of radish listed on this page (not including Nerima), plus the 3 varieties of winter radish on this page, worth \$1.80 for \$1.25. Postpaid.

Salsify

(Vegetable Oyster)

MAMMOTH SANDWICH ISLAND—A good sort and most generally planted. Cultivates same as carrots. Easy to grow. Postpaid. Pkt. 20c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.50; lb. \$3.75.

BLACK SALSIFY—See Page 25.



Radish, Cherry Belle, This Page.

RADISH

CULTURE—Radish can be planted almost the year around, except during cold weather months. They can be planted in the fall as late as October 15th. They are then available during winter.

PRICES—Unless otherwise noted are uniformly: Postpaid. Pkt. 15c; oz. 25c; ¼ lb. 45c; lb. \$1.25. Write for prices on larger quantities.

CHAMPION (New)—All-America Bronze Medal '57. Bright clear scarlet with true ball shape. Diameter of a silver dollar when fully mature and it will not get pithy for a long time. Can be sown very early and make good tops for bunching. Ideal for market or home use. Postpaid. Pkt. 20c; oz. 35c; ¼ lb. 65c; lb. \$1.60.

CHERRY BELLE—All-America Bronze Medal '49. Attractive cherry red and very brilliant. Crisp, round radish that keep well before going pithy. Top rather short, making it ideal for planting outside for summer crops, or forcing inside. Popular with market gardeners for summer sales.

FIRE BALL (New)—An early, brilliant red radish of round shape. This showed up good in our trials. Medium tops. It holds up good. Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.00.

COMET—Ball shaped, bright scarlet; small tap roots. Splendid quality. Will remain crisp and solid when other early radishes have become pithy. Very popular for home and market.

SPARKLER—Bright red with distinct white base. Round radish with good flavor.

EARLY SCARLET GLOBE—Medium tops. Beautiful scarlet globe-shaped radish, of quick maturity and exceptionally fine flavor.

WHITE ICICLE—A splendid white radish of long shape and with mild flavor. Very popular.

BURPEE'S WHITE—Medium early pure white variety for forcing or outside. Round roots, crisp and mild. Very good flavor. Pkt. 20c; oz. 45c; ¼ lb. 90c; lb. \$3.50.

WINTER RADISH

These Winter radish are not suited for Summer crops. Plant in August.

Prices uniformly: Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 65c; lb. \$1.50.

CHINA ROSE—Roots of bright scarlet color.

WHITE CHINESE—Long radish; solid, crisp.

LONG BLACK SPANISH—Long black winter radish. Will keep a long time in pit storage.

PUMPKIN

CULTURE—Plant May 10th to 20th in rows 8 feet apart and 6 feet in the row, about 8 to 10 seeds to hill, thinning to two good plants. Turn vines with the row to permit cultivation. Use 200 pounds Land Plaster to the acre, plowing it in, also 750 to 1000 pounds 5-10-10 Fertilizer.

PRICES—Unless otherwise noted are uniformly: Postpaid. Pkt. 15c; oz. 40c; ¼ lb. 75c; lb. \$1.75.

***GILL'S ORANGE WINTER LUXURY**—This improved strain of our own introduction is far better than the original. The skin, a rich golden orange, is covered with a fine netting, while the meat is very thick, fine grained and of rich golden yellow. Simply cook it done and it is ready for use in making pies. It requires less sugar and eggs than other varieties. Extra early. A splendid keeper that has no equal in quality or appearance. Not suited for Halloween use. Pkt. 20c; oz. 40c; ¼ lb. 80c; lb. \$1.90.

CONNECTICUT FIELD or JACK O'LAN-TERN—We offer an improved strain of the common field pumpkin grown for stock feeding and Jack O'Lanterns. Rich, orange colored skin.

SMALL SUGAR—Rather round fruit of small size, 5 to 7 inches in diameter. Smooth skin of bright orange color. Fine quality for pies. Early maturity. Ideal for Halloween.

KING OF MAMMOTH—A giant, often weighing 175 pounds; suited for feeding and exhibition. Not suited for Halloween. Generally listed as a pumpkin but it is a squash. Pkt. 20; oz. 40c; ¼ lb. 80c; lb. \$2.00.

SPINACH

CULTURE—Sow in drills 16 to 20 inches apart, thin to 3 inches. For early use, sow in the fall, or sow in early spring for late spring or summer use. Good fall spinach can be grown by planting seed August 20th to September 1st, and winter spinach can be planted until October 15th.

PRICES—Unless otherwise noted are uniformly: Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 50c; lb. \$1.25. Not prepaid, lb. \$1.00; 10 lbs. @ 90c lb. Will quote quantities.

AMERICA (All-America Winner, Silver Medal 1952)—A cross between Bloomsdale Longstanding and Viking. Plants 6 to 8 inches high and 10 to 12 inches wide. Very thick, glossy dark green leaves. America is the best long standing, heat resisting, heavy yielding, savoyed leaved spinach on market.

***GIANT LEAF or NOBEL**—The largest and the most productive. Plants 20" across are common on good soil. The leaves are simply immense and deep green. Very heavy, brittle and tender. It is very slow to run to seed and is especially valuable for spring, summer and fall use.

ADVANCE—A giant from Holland. Large heavy leaves of dark green. Prickly seeded.

TROUBADOR or TEMPO—Vigorous, long standing and of giant size. Dark green, heavy leaves. Ideal for freezing, canning or market.

***IMPROVED THICK LEAF or VIRO-FLAY**—This variety is very popular and we have a fine strain of seed. The leaves are broad and smooth and of medium deep green. It will stand more cold weather than any other sort and is very popular for fall sowing and early spring.

NORTHLAND—Similar to Giant Leaf but with darker green foliage. Excellent for canning, freezing or for home and market usage.

SUPRA—A variety described as an improved Giant Leaf. It gives good promise for market gardeners and also canners and freezers.

LONG STANDING BLOOMSDALE—Dark green savoy leaves that stand heat very well. Heavy foliage of fine quality.

EARLY HYBRID 424—Valuable for fall and winter crops. Leaves large and smooth, thicker and darker green than Viroflay. Resistant to blue mold. Could be rated as a Improved Viroflay. Pkt. 20c; oz. 40c; ¼ lb. 75c; lb. \$2.00. Postpaid.

WATERMELON

CULTURE—Plant 8 to 10 seeds in hills 6 x 6. Thin to 2 or 3 plants. Turn vines with the rows. Plant May 1st to 20th.

PRICES—Postpaid. Pkt. 15c; oz. 45c; ¼ lb. 80c; lb. \$2.00.

NEW EARLY MIDGET (F I Hybrid)—New ideal hybrid of the Ice Box size and a watermelon of uniform dark green color. Excellent quality, crisp red flesh with black seeds. It has thick skin necessary for shipping. Shape round, slightly oblong with average weight of 6 pounds. Vigorous vines, very productive and superior to the older varieties for eating or shipping. Pkt. 35 seeds 35c; ½ oz. \$1.65; oz. \$2.90; ¼ lb. \$9.75.

CHARLESTON GRAY—Resistant to Anthracnose, Fusarium Wilt, Hollowheart, Gourdsneak and sunburn. It has superior shipping and eating qualities. Weight 30 to 35 pounds, long shaped. Stippled black seeds. Rind very light green, finely netted, not too thick but very hard. Flesh bright red, firm, fine textured, very sweet. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.10.

NEW HAMPSHIRE MIDGET—A new early small size melon, well suited for home gardens. Somewhat smaller than a Honey Dew; color light green with broken veining. Rind very thin and brittle. Red meat and sweet. Fine ice box type. Pkt. 20c; oz. 45c; ¼ lb. 90c; lb. \$2.50.

EARLY ARIZONA—Introduced by Gill Bros. Seed Co. Medium sized round oblong melons with dark green rind and deep red flesh. Dark brown seed. One of the best first early melons. About 25 days earlier than Klondike. Weight 15 to 20 lbs. Pkt. 20c; oz. 50c; ¼ lb. 95c; lb. \$2.60.

KLONDIKE No. 7 (Wilt Resistant)—This strain is exceptionally sweet and fine. The flesh is very brittle with fruit oblong and deep green rind.

STRIPED KLONDIKE, BLUE RIBBON—A wilt resistant strain with thin, hard, tough rind. Weight 20 to 25 pounds; flesh deep, rich red and a splendid real sweet watermelon.

STRIPED KLONDIKE No. 11—Ready in 90 days. The highest in sugar content of the striped Klondike strains. Flesh bright red. It often carries three or four mature melons at one time that easily attain a size of 25 to 30 pounds.

BLACK SEEDED ICE CREAM—Round shaped melons with thin, ivory colored skin. Pink meat and of fine quality. It will keep late into the winter. Very prolific. Matures very early.

PRESERVING CITRON—Round green fruits marked with irregular stripes. Used for preserves and candied fruit. Red seeded.

Tampala

TAMPALA (Regular)—A green vegetable, the leaves of which are used like spinach. It retains its tenderness for a long period and is suited for warm weather. It can be used as a fresh salad. The leaves have more body, more flavor and more food value than Spinach. Plant in warm weather. Postpaid. Pkt. 20c; ¼ oz. 35c; oz. \$1.00.

RED TAMPALA—Same except that foliage has a red tone. Pkt. 20c; ¼ oz. 75c; oz. \$2.25.

Tobacco

CONNECTICUT SEED LEAF—The earliest maturing sort for the Northwest. Pkt. 20c; ½ oz. 50c; oz. 90c.

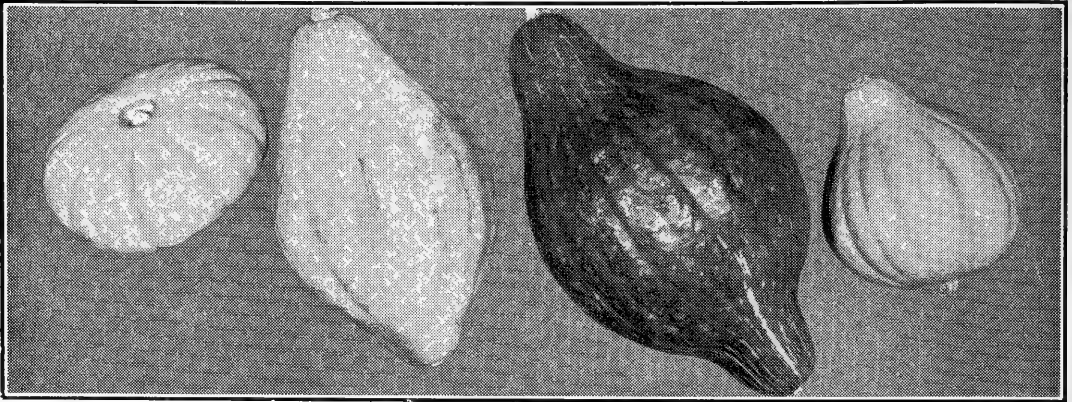
WHITE BURLEY—Long, broad leaves. Very prolific. Pkt. 20c; ½ oz. 65c; oz. \$1.00.

New Zealand Spinach

A good summer vegetable which resists the heat and can be cut throughout the season. Plant seed about June 1st, after the ground becomes warm. It differs in appearance from the regular spinach but is prepared in the same manner. Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 65c; lb. \$1.50.

SQUASH---Winter type

CULTURE—Plant from May 10th to 25th in rows 10 feet apart, spacing hills 3 feet apart, using 8 to 10 seeds to the hill. Thin to one or two strong vines. Sow 200 pounds of land plaster to the acre and plow in. Write us for our Squash Bulletin. Use plenty of well balanced fertilizer.



Sweet Meat, Sugar Hubbard, Select Hubbard, Golden Delicious

PRICES—Unless otherwise noted are uniformly: Postpaid, Pkt. 20c; oz. 35c; ¼ lb. 80c; lb. \$2.00.

***GILL'S SUGAR HUBBARD**—A cross between selections of Sweet Meat and True Hubbard. It contains most of the good qualities of both and is a splendid addition for home and market gardeners. It has the fine grain and sweetness of Sweet Meat plus the large size and shape of the Hubbard. The flesh is golden like a good Hubbard and more moist than Sweet Meat. It has wonderful keeping qualities and we have had them in common warehouse storage, in fine condition, for one year. The flesh is very thick and the skin is blue-grey with slightly darker color than Sweet Meat. It will easily reach 40 pounds in weight. The skin has no hard shell, resembling Sweet Meat in that respect. We are proud of this new Squash of our origin. Ideal to cut for retail sales. Pkt. 20c; oz. 50c; ¼ lb. \$1.25; lb. \$2.85.

***SWEET MEAT**—Introduced by our firm and we have greatly improved the type. Reports from all over the nation commended this Squash. Many report it as the best squash yet introduced. We have no hesitation about featuring this squash. Its name tells part of the story, for it is the sweetest squash we have ever seen and also the longest keeper. We kept six squash in good edible condition from crop to crop. The texture of the meat is very fine grained and as sweet as the finest sweet potato. The meat is very thick, making a squash surprisingly heavy. They are not very large, being of a good family size, and averaging about 15 to 20 pounds each. They are shaped like the turban type but the indentation or knob at the blossom end is smaller than most of that type. The color is slate with slight greenish cast. It is well fixed in type. The flavor and sweetness increase with age for at least six months from harvest. A very vigorous grower and unusually free from disease. They are very uniform in size, color and shape. Its high quality is winning great favor. Pkt. 20c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.25; lb. \$2.90.

***GILL'S SELECTED TRUE HUBBARD (Smoother Type)**—A heavy yielder and well known in the market. We have a true stock of seed selected for color, shape, and quality. Years of our selection has resulted in the best strain we know. It has nearly smooth skin. Very popular in retail stores where cut squash is sold. Excellent for freezing or canning. In our selections we strive to increase the thickness of the meat and to eliminate the greenish border next to the rind and to retain a deeper orange color in the meat. Postpaid, Pkt. 20c; oz. 40c ¼ lb. 90c; lb. \$2.10.

***GILL'S GOLDEN DELICIOUS**—We take great pride in this remarkable squash of our own origin. This variety with Sugar Hubbard and Sweet Meat excel for quality. However, these three varieties have different flavors. It is the finest squash for pie, and when picked young as a summer squash its quality is outstanding. The flesh and skin are rich reddish orange with no trace of green near the rind. The flesh is two to three inches thick. It is extra dry, fine grained and sweet. Many of our friends say, "It is better than a sweet potato." The skin is thin without a hard shell, but it is a fine keeper for winter use. On account of its high quality and attractive color, it has created a sensation with canners and freezers and those who tested it claim it has the highest starch content of any variety they have tried. Vigorous growth; heavy yields. Pkt. 20c; oz. 35c; ¼ lb. 80c; lb. \$1.90; 5 lbs. @ \$1.75.

***UMATILLA MARBLEHEAD**—Selected by the Eastern Oregon Experiment Station for resistance to blight. It is very uniform in shape and color and a very heavy producer of large, thick-meated squash. The meat is golden yellow and of fine quality. The squash are rather oblong and often weigh 30 to 40 lbs. each. The seeds are yellow brown. Very popular in stores where it is cut for retail sales. Postpaid, Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

***GILL'S GOLDEN PIPPIN**—Crop very short. A small squash, in shape and exterior color similar to Golden Table Queen, however the meat is richer in golden color; exterior rich gold. The thick meat is very mild; sweet and of fine texture. It produces heavy yields, ripens early, and is a good keeper. We have many fine reports on this variety. We have selected on this for 15 years and have made great improvements. The vines make a vigorous growth. Pkt. 25c; ½ oz 50c.

***YAKIMA MARBLEHEAD**—Large slate colored variety of fine quality. It produces heavy yields of thick meat squash. Popular shipping variety. It will often weigh 30 to 40 pounds each. Pkt. 20c; oz. 40c; ¼ lb. 90c; lb. \$2.25.

BLUE HUBBARD—Superior quality, production and attractive appearance make this a favorite, especially in New England. Thick flesh; very hard blue-gray rind, weight 20 to 25 pounds.

BUTTERCUP—A small turban shaped squash weighing about 3 to 4 lbs. Rind thin and tough, dark green with narrow gray stripes. Adapted to home gardens and a very good keeper. Pkt. 20c; oz. 45c; ¼ lb. 95c; lb. \$2.50.

WINTER SQUASH—Continued

EVERBEARING TABLE QUEEN—One of the best strains of Table Queen. The first main set of the squash is more like bush-type, but after the first set reaches considerable size, the runners provide another setting of squash. They are easy to pick, and are more uniform size. **Postpaid. Pkt. 20c; oz. 40c; ¼ lb. \$1.00; lb. \$2.50.**

GOLDEN HUBBARD—Orange red Hubbard type but earlier and smaller, fine quality.

BUTTERNUT—A fine squash suited for winter use. 10 to 12 inches long with thick orange colored flesh of fine table quality. Small seed cavity in one end of the long, pear-shaped squash. **Pkt. 20c; oz. 40c; ¼ lb. 95c; lb. \$2.50.**

ORANGE BANANA—A deep orange red. Large, long squash of finest quality. A fine keeper. Very attractive. Very popular. **Pkt. 20c; oz. 35c; ¼ lb. 90c; lb. \$2.25.**

***JUMBO TABLE QUEEN**—One-fourth larger than Table Queen and of like shape and quality.

GREEN DELICIOUS—An extra sweet, fine-grained, dry cooking squash. Medium size, top shaped with greenish-black skin; flesh very thick, orange colored and with small seed cavity.

BANANA—The exterior skin is grayish-green, while the meat is a rich orange. The size is 24 to 30 inches in length and 8 inches in diameter.

***SPECIAL BOSTON MARROW**—Selected strain with deeper orange color. A popular squash.

***TABLE QUEEN or ACORN or DANISH**—A small squash about 7 inches long and 4 to 5 inches thick. Thin skin of dark green; early maturing. Desirable for home, market and shipping.

BABY HUBBARD—6 to 8 lbs. Good keeper. Fine quality. Somewhat earlier than true Hubbard.

SUMMER SQUASH

PRICES—Unless otherwise noted are uniformly: **Postpaid. Pkt. 15c; oz. 35c; ¼ lb. 75c; lb. \$1.75.**

BLACK BEAUTY SQUASH—Cylindrical, glossy, dark green fruit with tender creamy-white flesh. **Postpaid. Pkt. 25c; ½ oz. 45c; oz. 75c; ¼ lb. \$1.75; lb. \$4.50.**

CASERTA—From one to two weeks earlier than Cocozelle and much more prolific. Bush form. Skin color is more yellow and less striped green than the Cocozelle. It has earliness and quality.

COZINI—Prolific, early variety. Squash very smooth, dark green, straight and blocky, firm fleshed and remaining edible over a long period, also with fine cooking quality and flavor.

STORRS GREEN HYBRID—An extra early, dark green summer squash. Heavy producers of high quality squash. It is popular for market and home use. **Postpaid. Pkt. 25c; ½ oz. 50c; oz. 85c; ¼ lb. \$2.00; lb. \$7.00.**

YANKEE HYBRID—This hybrid cross is similar in appearance to Early Prolific Straightneck but is extra early. Market gardeners are using it with fine success. **Postpaid. Pkt. 25c; ½ oz. 50c; oz. 85c; ¼ lb. \$2.00; lb. \$7.50.**

ZUCCHINI (Italian Squash)—It should be used quite young, when 3 to 6 inches long. The color is mottled deep green.

EARLY SUMMER CROOKNECK—Smaller, earlier and much more prolific than Giant Crookneck. Deeper gold color.

BLACK ZUCCHINI—Like Zucchini, except that it is of much darker green.

MAMMOTH WHITE BUSH SCALLOP—Early; large, pure waxy white skin.

BENNING'S GREEN TINT BUSH SCALLOP—Uniform, prolific squash of pale green.

EARLY GOLDEN PROLIFIC STRAIGHTNECK—The fruits are smaller than the Giant straightneck but the color is a little deeper golden; 15 days earlier.

COCOZELLE or ITALIAN MARROW—Dark green when young, changing to lighter green as it matures. Early and of high quality.

TOMATOES

CULTURE—Plant seed in box inside or in hot-bed from February 15 to March 15. Transplant May 10 to 25; rows 6 feet apart and 4 to 6 feet in rows; use light, loamy soil; fertilize with 3-10-10.

PRICES—Unless otherwise noted are uniformly: **Postpaid. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$2.50; lb. \$8.00.**

OREGON CENTENNIAL (Our New Introduction of 1959)—This introduces a new tomato with many valuable features. Fruit averages quite large, often weighing a pound each. The deep red interior color, along with a very solid, extra red exterior, makes a tomato well suited for canning, market, or home use. The seed pockets are small and numerous, resulting in a very firm fruit. Moderate acidity and good flavor. Medium early maturity, with very heavy yields, and vigorous growth. The tomato, because of its firm flesh, very fine flavor and deep red color throughout, could prove valuable for commercial canning in the northern states. We believe it will make high marks for commercial sales and home use. The origin of this new tomato resulted from over thirty years of selection by a successful farmer. **Pkt. 20c; ¼ oz. 75c; oz. \$2.25; ¼ lb. \$6.50; lb. \$15.00.**

***GILL'S ALL-PURPOSE**—Originated by Gill Bros. This grand tomato is like its name implies; fine for all main purposes. Field trials indicate that this variety produces its main crop as early as Select Earliana. Ideal for canning or juice, also splendid for home gardens and market gardens. It is a cross between Wasatch Beauty and the Pepper tomato retaining the best qualities of both. Outstanding for yield, appearance, quality, flavor. Produces heavy yields of large, uniform fruit on self-terminate vines. The fruit is bright red, possessing solid, deep red interior of the Pepper tomato and with its fine flavor. Its excellent flavor and solid meat make it ideal for slicing. Fruit free from large cores. Half globe shape. The blossom ends of the fruit are ideal and free from so-called "monkey faces." Vines vigorous, healthy, unusually resistant to disease. Fruit of large size. **Pkt. 20c; ¼ oz. 75c; ½ oz. \$1.25; oz. \$2.25; ¼ lb. \$6.50; lb. \$17.50.**

THE PRITCHARD, CERTIFIED (Scarlet Topper)—In earliness similar to Break O'Day. Exterior and interior color intense scarlet. Fruit of half globe shape and very solid. A tremendous cropper and very popular with market gardeners.

***IMPROVED PEPPER TOMATO (Crop nearly a failure)**—We have selected this for several seasons and now have heavy yields of large, smooth fruit. Very resistant to rain cracks, practically every fruit is smooth, generally of near globe shape, and they are exceptionally solid, containing very little seed. The fruit is red with a pink tone and the sweetest of any we have tried, being unusually free from acid. Ideal for tomato juice and far the best for slicing or canning. Every year this variety has gained rapidly in popularity. Many home gardeners will have nothing else. **Postpaid. Pkt. 25c; ¼ oz. 85c; ½ oz. \$1.50.**

EARLY CHATHAM—Extra early, bright red fruit of medium size on rather small plants. The branches terminate in dense clusters of fruit. The heavy production on small plants make it ideal for home gardens of limited space. **Pkt. 25c; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$4.85.**

VICTOR—An extra early variety with self topping vines which are rather small and suited for home gardens. Heavy cropper of medium sized fruit. **Pkt. 20c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$4.00.**

CARO-RED—Developed by Purdue University to provide a high Vitamin A content. Orange-red fruit which is claimed to contain 10 times more vitamin than other tomatoes. Fine distinct flavor. **Postpaid. Pkt. 35c; ½ oz. \$1.50.**

TOMATOES—Continued

IMPROVED WASATCH BEAUTY—We introduced this remarkable tomato and have improved it each year. Early in maturity and very heavy bearing. The branches terminate in a cluster of fruit, making a compact plant and more plants may be set per acre. The fruit is half globe shaped, firm and smooth; a beautiful red color and borne in clusters of three to six good sized tomatoes. It is an especially good shipping and canning variety. Both market and home gardeners should try this outstanding tomato. Among the best producers for commercial canning. **Postpaid. Pkt. 20c; ¼ oz. 50c; ½ oz. 90c; oz. \$1.60; ¼ lb. \$4.00; lb. \$12.00.**

PEARSON A 1—IMPROVED V.R.—This is a new Verticillium Wilt Resistant. Fruit are large, slightly flattened and producing a heavy yield. Determinate plant habit. Considered among the best of Pearson type. Thick skinned, free from puffiness and cracking. **Pkt. 20c; ½ oz. \$1.25; ¼ lb. \$3.00; lb. \$9.50.**

SCARLET DAWN—Attractive early variety for home or market. Fruits medium large with thick walls, shape globular, smooth and bright scarlet.

FIRESTEEL—Rated 65 days. One of the best early varieties. Large, smooth, scarlet red fruit, nearly deep globe in shape with firm flesh of medium red. Dense self topping foliage. Very good quality. **Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.00; lb. \$9.50.**

EARLY-PAK (New)—Plants short, compact, determinate; productive, with concentrated set. Fruit globular, slightly flattened, thick walled, firm and bright scarlet. **Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.00; lb. \$9.00.**

BEEF STEAK—Large, bright red type of Ponderosa. Maturity rather late. **Pkt. 20c; ¼ oz. 45c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.00; lb. \$9.00.**

JUBILEE—Large globe-shaped fruit of deep orange color. The flesh is very solid, and of fine flavor. Good for slicing, canning or juice. **Postpaid. Pkt. 20c; ½ oz. 80c; oz. \$1.50; ¼ lb. \$4.50.**

VALIANT—Popular with market gardeners. It ripens within 3 days of Earliana and it is 4 days earlier and often 2 ounces heavier than Stokesdale. A valuable tomato for market. Our sales have steadily increased. **Postpaid. Pkt. 20c; ½ oz. 70c; oz. \$1.25; ¼ lb. \$3.00; lb. \$8.75.**

WASHINGTON FORCING—This forcing tomato was originated by the Washington State Experiment Station and our seed was started from seed they supplied. Fruit medium large, sub-acid and fiery red. It ripens with even color from blossom end to stem. Similar to Seattle Best of All but fruit average about 25% larger. **Pkt. 25c; ¼ oz. 70c; ½ oz. \$2.25; oz. \$3.50.**

***SEATTLE BEST OF ALL**—The best of the first early varieties. This strain was developed by a Seattle market gardener who started his selections from the Best of All greenhouse variety. It is larger and more productive than the original and is suited for either greenhouse or open field culture. The fruit, borne in clusters of 6 to 9, are very uniform and of bright scarlet red color. Exceedingly heavy yields. **Pkt. 20c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00.**

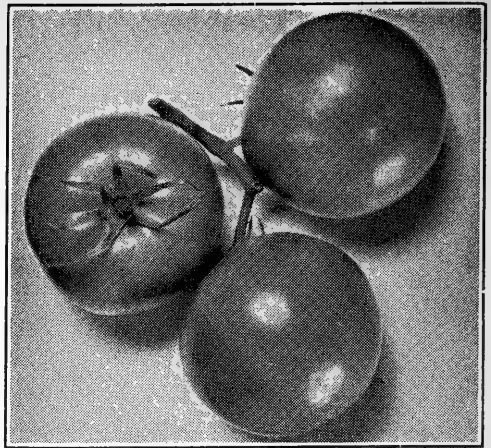
MASTER MARGLOBE—(Certified Seed)—A very popular market and shipping tomato. Average weight 6 ounces, ratio depth to width 90%. A second early, thick meated, bright red tomato.

JOHN BAER—Extra early, large, bright scarlet fruit, smooth and firm. Extra heavy producer.

COLORADO SPECIAL—A new large strain of Earliana. It performed very well for market gardeners. Uniform, smooth fruit maturing early. A splendid first early variety. **Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50; lb. \$9.50.**

BONNY BEST—Extra fine strain of this early variety. Medium sized, uniform bright scarlet.

PEARSON DEEP FRUITED—Similar to Improved Pearson but more globe shaped. **Pkt. 20c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.00; lb. \$9.50.**



Improved Pepper Tomato, Page 23.

Hybrid Tomatoes

EARLY GIANT HYBRID—Largest early hybrid tomato and rated 60 days. Fruits globe shape, deep red color, thick walls, excellent interior and free from white core. **Pkt. of 35 seeds by measure, 35c; 1/16 oz. \$2.25; ¼ oz. \$6.50.**

GIANT KING HYBRID—One of the largest of hybrid tomatoes. Very productive of uniform, smooth fruit ripening in mid-season. Color bright red. It proved very satisfactory in our trial grounds. Ideal for market or home gardens. These big tomatoes are perfect, very large and excellent quality. **Pkt. of 35 seeds by measure 35c; 1/16 oz. \$2.25; ¼ oz. \$6.50.**

WONDER BOY (New F 1 Hybrid)—With quick reading, note this short description. Extra large. Excellent flavor. Round and firm. Mid-season hybrid. 80 days. Wide acceptance. Big seller. Bright red outside and inside. Firm and meaty. **Pkt. 50c; ¼ oz. \$7.50.**

EARLY PROLIFIC HYBRID—A new hybrid of early mid-season, or 70 days. A main crop tomato well suited for home gardens, markets or canning. Early, and heavy yielding, quality and flavor outstanding. Fruit globular, very smooth, medium to large size, scarlet red in color. It ripens evenly. **Pkt. of 35 seeds, by measure, 35c; 1/16 oz. \$2.00; ¼ oz. \$6.50.**

LARGE HYBRID—A very large main crop, heavy producer. High quality fruits of globular shape and bright red solid flesh of high quality. Resistant to Fusarium rot. **Pkt. 35 seeds by measure, 35c; 1/16 oz. \$2.00; ¼ oz. \$6.50.**

BURPEE'S BIG BOY (Reg. T.M. of W. Atlee Burpee Co.)—Largest of true hybrid tomatoes, many weigh 1 lb. and over. Perfectly smooth, deep globe to oblong shape, very firm; scarlet-red color, thick walls of meaty flesh; fine flavor and excellent quality. Produces from mid-season to late. Ideal for home and market grower. Plants extremely vigorous. **Pkt. 50c; 1/16 oz. \$2.50; ¼ oz. \$7.50; ½ oz. \$12.50.**

NO. 21—RED F1—HYBRID (68 E. Rutgers x Valiant)—This hybrid from Japan has been grown here in Oregon with splendid results. Home gardeners and market gardeners like this new tomato. It ripens in early mid-season, fruit near globe shape, bright red, meaty and a heavy cropper of large fruit. Very good flavor. Vigorous vines of determinate growth. Very popular. **Pkt. 35 seeds by measure @ 35c; 1/16 oz. \$2.25; ¼ oz. \$6.50.**

If you buy quantities for commercial market gardens write for our Market Gardener Price List.

Stokescross Tomatoes

STOKESCROSS No. 1—Will mature in 70 days. It sets readily with a vine of sufficient vigor. The fruit size is in the normal 6 oz. range. It is round, smooth, with a solid interior ripening to the stem. The important factor about Stokescross No. 1 is that it is an early setting tomato. It will bear heavily throughout the season. It is fine for green-wrap, for vine-ripened, or for processing. **Pkt. 20c; ½ oz. 50c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.50.**

STOKESCROSS No. 6—Will mature in 78 days. On a quality basis, it out-points any tomato introduced in years. Its strong features include—resistance to Fusarium Wilt, and resistance to cracking. Stokescross No. 6 requires a full season for full maturity, but it will keep on bearing until frost. Its interior quality and color are excellent. Recommended as the highest quality main season tomato. Plant in 6 ft. rows. **Prices same as No. 1.**

Small Fruited Tomatoes

PEAR TOMATOES—For preserves and matures heavy yields quite early. We offer red and yellow. **Pkt. 20c; ¼ oz. 50c; oz. \$1.75; ¼ lb. \$5.00.**

SUGAR or GRAPE TOMATO—Fruit the size of a large cherry, set thick in long clusters. Very ornamental and good eating. **Pkt. 25c; oz. 90c.**

GROUND CHERRY—Used for making Hawaiian Poha jam; for preserves, pies or sauce. It keeps into the winter. Fruit yellow. **Pkt. 20c; ¼ oz. 55c; ½ oz. 90c; oz. \$1.75; ¼ lb. \$5.00.**

***PORTER TOMATO**—A very sweet little tomato of pinkish red color. One tomato is a mouthful and can be eaten without getting juice on clothing. It is ideal for lunches and munching between meals. A heavy cropper and little subject to cracking. Globe shape and very uniform. Can be used in salads. **Pkt. 25c; ¼ oz. 95c; oz. \$2.65.**

SAN MARZANO (Italian Paste Tomato)—For preserves, puree and solid pack canning. Two celled fruit 3½" long and 1½" thick. Color deep red; very little juice and mild in flavor. **Pkt. 25c; ¼ oz. 50c; oz. \$1.70; ¼ lb. \$4.75.**

Rapa

An Italian vegetable valuable for greens. Sow broadcast in mid-August for early fall use. Sown in mid-September, it provides fine greens very early in the spring. Foliage resembles turnips. The young, tender leaves surround a small head of fine, deep green buds. Both are cut for greens. If you like turnip greens, try this. Very nutritious and easy to grow. **Pkt. 20c; oz. 50c; ¼ lb. \$1.00; lb. \$3.25.**

RUTABAGA

CULTURE—Sow in drills, 3 feet apart; thin to 6 inches apart. May be planted from June 15th to July 15th. The later sowings produce the best quantity. Can be sown broadcast in mid-July.

***GOLDEN NECKLESS (With purple tops)**—Similar to Purple Top Yellow except it is short necked like a turnip. Skin golden yellow under ground with high quality yellow flesh. Our strain is very popular with market gardeners to whom we supply large quantities of seed. Superior to the old Purple Top Yellow strains. **Postpaid. Pkt. 20c; oz. 40c; ¼ lb. 65c; lb. \$1.60.**

LAURENTIAN—A new neckless type. Roots purple topped, clean, well shaped; skin thick and a good keeper. Flesh light yellow or cream color, fine grained and excellent quality. **Pkt. 20c; oz. 40c; ¼ lb. 65c; lb. \$1.60.**

Scorzonera (Black or Spanish Salsify)

An annual vegetable, like Salsify in form and in flavor. The root is long and thick, with white flesh. The black outer skin can be scraped off before cooking. It should be sown early in the spring. Can be used in the fall or left in the ground until spring. **PRICES POSTPAID. Pkt. 20c; ½ oz. 45c; oz. 75c.**

TURNIPS

CULTURE—Sow broadcast from August 1 to September 1 for late turnips. Milan varieties can be sown as late as October 1.

PRICES—Unless otherwise noted: **Postpaid. Pkt. 15c; oz. 30c; ¼ lb. 50c; lb. \$1.50.**

EXTRA EARLY PURPLE TOP MILAN—The earliest; roots flat, white with purple top. The best for early or planting in late fall.

EARLY SNOWBALL—An extra early, round turnip, snow white, and crisp.

***PURPLE TOP WHITE GLOBE**—The best all-around turnip for fall and winter use. Its beautiful color, pure white with purple top, combined with its smooth globe shape, fine sweet flavor and its wonderful productiveness put this turnip in the top class for market or home use.

WHITE EGG—Pure white, egg shaped, early. Often used for bunching.

COW HORN—A large, long-rooted, white turnip for feeding purposes.

SHOGGIN (Foliage Turnip)—An oriental variety, very popular for greens. The leaves grow upright about 2 feet high. Roots semi-globe, pure white, tender and sweet.

TOKYO MARKET—A Japanese turnip noted for sweetness, solid yet tender roots and earliness. Attractive white turnips of fine texture. Especially suited for bunching because of medium size. **Pkt. 20c; oz. 40c; ¼ lb. 85c; lb. \$1.75.**

JUST RIGHT HYBRID (All American)—The first hybrid yet introduced in turnips. Great vigor and uniformity. Ideal for the turnips and greens. All purpose, with ideal white flat globe turnips of fine texture and flavor. **Postpaid. Pkt. 25c; ½ oz. 75c; oz. \$1.35; ¼ lb. \$2.50; lb. \$7.50.**

Turnip Seed for Green Soiling. Please write us for special prices, stating quantity needed.

Yellow Fleshed Turnips

PETROWSKI—Extra early, flat turnip of rich golden color. The flesh is orange and of fine quality. This is a very good keeper.

ORANGE JELLY or GOLDEN BALL—The best yellow sort for market or family use. Roots medium sized, round and smooth, with yellow skin and flesh. One of the best for winter keeping.

YELLOW BORTFELDER—A heavy cropping, long keeping variety; very popular for dairy feed. It grows to large size.

Sunflower

MAMMOTH RUSSIAN—One of the heaviest yielders and produces extra large heads, well filled with large, plump seed. **Postpaid. Pkt. 15c; oz. 25c; lb. 80c. Not prepaid, lb. 60c; 10 lbs. @ 55c lb.**

FIELD SEEDS

We are located in the Willamette Valley, Oregon, where many varieties of field seeds are grown. We handle high grade seed and will be glad to send you our current price list anytime. Prices are subject to change at all times and F.O.B. Portland, Oregon. In case you need field seeds in a hurry send in funds and we will fill your order at the current price. On orders, give shipping instructions.

HORSE RADISH

Roots for early Spring planting. Set small end of root cutting downward and cover entire cuttings. **Postpaid. Doz. 90c; 50 for \$2.35; 100 for \$4.50.**

CHIVES

Valuable perennials for seasoning. Easy to grow in any garden. Divided clumps. **Postpaid. Each 60c; 3 for \$1.50; doz. \$5.00.**

PEPPERMINT PLANTS

Mint is used for flavoring and making tea. You can make a delightful tea from fresh or dried leaves of mint. Hardy perennial, growing about two feet tall. Also used for oil. **Postpaid. Each 60c; 3 for \$1.50; doz. \$5.00.**

ANNUAL FLOWER SEEDS

Annual flowers are those which grow, bloom, seed and die in one season. They are attractive in the garden—some for bedding, some for borders, some for rock gardens, some for climbing or trailing and others for their foliage effect only. Many are invaluable for cutting. There are annual flowers for every purpose; all are lovely and with proper selection, blooms can be had from early summer until frost. See page 34 for Perennial Flowers.

ASTERS

† Marked are asters of the wilt resistant strains.

We aim to supply the best asters that can be grown or purchased. The most up-to-date varieties and types will be found in our list. Asters are one of the best cut flowers that can be grown. Sow seed in boxes inside or in frames, about March 1st to April 1st, and transplant during May. Splendid blooms can be obtained by planting the seed in the open about May 1.

PRINCESS—An ideal type for florists, 3" to 3½" flowers on 2' to 2½' stems, with crested centers that remain full when flower is completely open, surrounded by multiple rows of guard petals. Branching habit. Blooms in late August. **Peach blossom, Orchid, White, Yellow, Rose Pink, Deep Blue and Mixed.** Each Pkt. 25c.

†**SUPER GIANT**—Upright branching strain, flowers up to 6" across on 2½' stems. Petals are lacy and interlaced. Suited for florist and gardener trade. **Crimson, White, Shell Pink and Mixed.** Prices unless noted: Each Pkt. 25c.

BURPEANA—Plants are of erect, base branching growth, producing globular, double flowers 3"-4" across, with attractively incurved petals, on 20" stems. A good mixture. Pkt. 25c.

†**GIANT CREGO**—Fluffy flowers 4" to 5" across. Produce an abundance of large flowers on good stems. **Azure blue, crimson, deep rose, purple, shell pink, white and mixed.** Pkt. 20c; ½ oz. 65c; ¼ oz. \$1.15.

CALIFORNIA GIANT SUNSHINE—4" to 5" blooms; single row of loose, outer petals with yellow, quill-like center disc; 2' to 3' high. **Mixed.** Pkt. 20c; ½ oz. 65c; ¼ oz. \$1.15.

†**HEART OF FRANCE**—Rich dark red, 1½' to 2' branching plants. Pkt. 20c; ½ oz. 60c.

†**CALIFORNIA GIANTS**—Immense flowers, 5" to 6" across. Vigorous habit and long stems with Crego type of bloom. **Mixed.** Pkt. 20c; ½ oz. 70c; ¼ oz. \$1.20.

†**POWDER PUFFS**—Upright flowers stemming from the main stalk, 24" high. Often 20 long-stemmed cut flowers per plant. **Mixed.** Pkt. 25c.

†**BLUE PEONY**—Double, incurved Peony shaped, azure blue flowers up to 5" across, freely borne on strong one foot stems. Pkt. 25c.

†**EARLY BEAUTY MIXED**—Large, double, compact flowers on long stems. Plants 2½' to 3'. Pkt. 20c; ½ oz. 60c; ¼ oz. \$1.10.

SINGLE RAINBOW UPRIGHT MIXED—Medium-sized daisy like flowers on long stems. May be cut as a bunch. Pkt. 20c; ½ oz. 50c.

IMBRICATED POMPON MIXED—Pkt. 20c.

FANCY MIXED—A mixture of all double colors and types. Pkt. 15c; ½ oz. 35c.

SPECIAL ASTER COLLECTION

We offer 6 packets of Asters, your choice of those priced at 20c — postpaid for 95c. or 6 priced at 25c for \$1.25.

Acroclinium (Everlasting)

MIXED—Double and semi-double daisy-like flowers with strawy petals of silky appearance. Nice to dry for winter bouquets, cut the flowers before they are fully open. Pkt. 20c.

African Daisy

Sow seed same as asters and plant in sunny location. They bloom all summer.

ARCTOTIS GRANDIS—2'. White, light lilac reverse; sky-blue eye, yellow halo. Pkt. 20c.

HYBIDA MIXED—Shades of white, yellow, orange and salmon with black disc. Pkt. 20c.

Ageratum

Annual, for boxes, pots and borders.

MIDGET BLUE—Dwarf 2" to 3". Pkt. 20c.

BLUE CAP—Dwarf. 8"; rich blue. Pkt. 20c.

FAIRY PINK—Salmon rose pink, 5". Pkt. 25c.

TETRA BLUE MINK—New. 6" giant trusses of powdery blue. Pkt. 20c.

Alyssum

ROSY O'DAY—1961 All America Winner, really pink, grows low and compact. Pkt. 30c.

ROYAL CARPET—A neat edging, few inches high but 10" across, flowering early until end of the season. Purple flowers. Pkt. 25c.

COMPACTUM VIOLET QUEEN—Rich violet, free flowering. Sweet scented. Pkt. 20c.

IMPROVED CARPET OF SNOW—Plants 2" high, massed with white blossoms. Pkt. 20c.

LITTLE GEM—4" high with white blossoms. Compact. Narrow borders. Pkt. 20c.

PINK HEATHER—A.A. 1959. The quick growing, spreading plants are covered with Heather Pink flowers. An excellent border plant. Pkt. 25c.

Amaranthus

Brilliant foliage, growing 3' to 5' high.

CAUDATUS—Blood red, drooping. Pkt. 20c.

TRICOLOR SPLENDENS (Joseph's Coat)—The inner foliage is blackest bronze, tipped with green, the outer bright scarlet and gold. Pkt. 20c.

Balsam

EXTRA DWARF TOM THUMB—New. Bush with more top flowers. Flowers larger and double. Excellent mixture. Pkt. 30c.

CAMELLIA FLOWERED MIXED—Double. Grows 2' high. Plant in hot-bed in March; move after danger of frost, in May or June. Pkt. 20c.

DWARF BALSAM MIXED—14" bush. Pkt. 25c.

Batchelor's Button (Cornflower)

POLKA DOT—New startling version of dwarf buttons, full color range. 15"-17" bushy. Pkt. 20c.

DWARF JUBILEE GEM—Compact plants, covered with large double blue flowers. Splendid full sun. Pkt. 20c; 6 oz. 45c; 14 oz. 75c.

DOUBLE MIXED—Excellent strain. Pkt. 15c.

Beans, Scarlet Runner

A fine annual climber. The beans are edible. Full sun. Pkt. 20c; 6 oz. 45c; 14 oz. 80c.

Castor Beans

RICINUS—Ornamental plants, valuable for tropical effects. Can be started in pots. **Poisonous Seeds.** Pkt. 20c; oz. 55c; ¼ lb. \$1.25.

Canary Bird Vine

A quick growing climber, bearing curiously cut yellow flowers with curved green spurs; vaguely resembling a canary. Ideal for covering trellises, often reaching a height of 15'. Pkt. 20c.

Bells of Ireland

MOLUCELLA LAEVIS—The several branching stems are closely set in elongated Hyacinth fashion with big bell-calyxes of pale translucent green. Within each calyx lies a curiously formed little white flower. Full sun. Plant directly in ground after danger of frost. Thrives in drought. Fresh or dry flowers. 30" high. Pkt. 20c.

Calendula, Pot Marigold

ORANGE KING—Large double of orange red, with darker centers. Pkt. 20c; ¼ oz. 45c.

DOUBLE MIXED—All colors. Pkt. 15c.

PACIFIC BEAUTY MIXED—Improved, with greater resistance to summer heat. Pkt. 20c.

Clarkia

Easily grown double flowers; 2', fine for cutting.

MAY BLOSSOM—Deep pink. Pkt. 20c.

DOUBLE MIXED—All shades. Pkt. 20c.

Calceolaria

MULTIFLORA NANA MIXED—Large heads of medium flowers in brilliant reds, yellows and intermediate shades. Dwarf, wiry plants. Pkt. 50c.

California Poppy

Plant during spring, summer or fall. Fall sowings bloom in the spring.

MISSION BELLS—New, brilliant mixture with fluted and crinkled petals and bright shades of rose, gold, scarlet, pink, cherry, orange, white and bicolors. Pkt. 20c; ¼ oz. 50c.

SEMI-DOUBLE MIX—Pkt. 20c; ½ oz. \$1.25.

SINGLE MIXED—Pkt. 15c; ½ oz. 75c.

Candytuft

Fall sowings, flowers in early spring; April sowings in June for beds, borders, rockeries.

PINNACLE—(New) Giant Hyacinth type with 2' spikes of pure white florets, and are superb for cutting. A florist type. Pkt. 20c.

MIXED—All colors. Pkt. 20c.

FAIRY MIXED—A new different Candytuft. The little, dome-like plants are neat, dwarf, very compact, growing about 8" tall. Pkt. 20c.

California Blue Bells (Phacelia)

CAMPANULARIA—Excellent for edgings and rock gardens with gentian blue, bell-shaped flowers marked with five white anther lobes. Does best in sunny location. 9" tall. Pkt. 20c.

Canterbury Bells

ANNUAL MIXED—Blooms in 6 months. Plants 2'-2½', bearing 6-8 flowers. Pkt. 20c.

Cardinal Climber

HYBRIDA—Quick growing. Covered with fiery scarlet blooms. Plant in warm location. Pkt. 20c.

Celosia

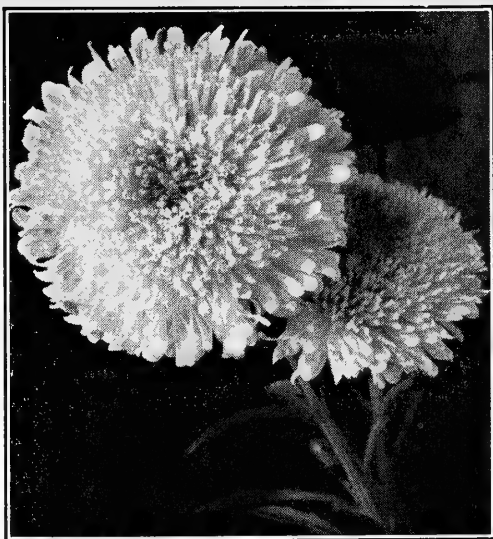
Sow inside in March, transplant or sow outside in May. Very free flowering. Pkt. Each 20c.

TOREADOR—Uniform plants, 20" tall, with either one large comb or several small ones of bright scarlet, light green foliage, can be dried.

GOLDEN FLEECE—Clear golden yellow plumes are huge and dense, on long cutting stems.

FOREST FIRE—Brilliant scarlet-red, compact plumes on well branched 3' plants

PAMPAS PLUME MIX—Long stemmed plumes in bronze shades and scarlet shades.



Aster, Princess, Page 26.

Centaurea

AMERICANA—Largest, most showy of the centaureas, 5" across, half hardy. Purple flowers. Fine for cutting. Pkt. 30c.

ROYAL SWEET SULTAN—Sweet-scented, fine cut flower. Sow early in Spring. Mixed. Pkt. 20c.

Chrysanthemum, Annual

SINGLE MIX—Grows 2' high; blooms in mid-summer. A good mixture. Pkt. 20c.

DOUBLE MIXED—A good mixture. Pkt. 20c.

Cleome (Spider Flower)

GIANT PINK QUEEN—Hardy, 3' high; abundant blooms of salmon pink at top of spike, fading to flesh pink. For backgrounds or cutting. Blooms all season. Start indoors. Pkt. 20c.

Cobaea

SCANDENS—Rapid growing climber, free flowering, producing large, graceful bells that grow readily from seeds. Best results are obtained by setting the large flat seeds on edge. Germinates in 15 days. Start early inside in pots, set out when danger of frost has passed. Pkt. 20c.

Coleus

RAINBOW MIXTURE—Attractive foliage, easily grown. Sun or semi-shade. Pkt. 35c.

Coral Flower (Talinum Paniculatum)

Dark green, succulent foliage is decorative. Many slender, 30" stems bear hundreds of little 5-pointed stars in a luminous rosy pink, followed by many seed capsules like polished coral beads. Desirable for mixing with bouquets. Pkt. 20c.

Corn, Ornamental

ORNAMENTAL INDIAN—Multicolored kernels in an endless number of shades. In great demand for autumn and winter decorations. Pkt. 20c; ¼ lb. 45c; ½ lb. 70c; lb. \$1.25.

STRAWBERRY POPCORN—Attractive, tiny 2" ears of rich, shiny mahogany, contrast with the straw-colored husks when folded back. Grand for decorative arrangements. Pkt. 20c; oz. 50c.

Cut Flower Garden Mixture

A mixture of hardy annuals blended to give a succession from early summer until fall. 2' to 3' tall. Pkt. 20c; ¼ oz. 35c; ½ oz. 50c; oz. 95c.

Cosmos

Plant after danger of frost; blooms in the summer and fall. Full sun; backgrounds.

SENSATION RADIANCE—Deep rose petals with large zone of rich crimson. Pkt. 20c.

SENSATION SINGLE MIXED — Large, blooms in ten weeks. Pkt. 20c.

PEERLESS MIXED—Large flowers, 2" crested center; a double form of Sensation. Pkt. 20c.

MAMMOTH EARLY FLOWERING MIXED—Plant in open; blooms in 60 to 90 days. Flowers 4" to 5" across. Pkt. 15c.

FIESTA—Semi-double, gold striped scarlet, early, 3' tall. Pkt. 20c.

Cynoglossum

FIRMAMENT—Dwarf, free blooming over a long season; bright indigo blue flowers. Excellent for growing in dry, even poor soil. 16". Pkt. 20c.

Datura

WRIGHTI—Trumpet flowers, 6" long, 5" across; plants 2' to 3' high; white with purple sheen. Seeds poisonous. Pkt. 20c.

Dianthus, Pinks

WESTWOOD BEAUTY—Single flowers 1½ to 2¼", lacinated. Various shades with red and white edges. Height almost 16". Pkt. 20c.

DOUBLE GAIETY MIXED—1' high. Pkt. 20c.

Didiscus, Lace Flower

COERULEUS—Branched plants 18" high. Clusters of tiny, lacy light blue flowers. Pkt. 20c.

Dolichos (Hyacinth Beans)

Decorative vine. Flowers upright like hyacinths, followed by seed pods. Mixed. Pkt. 20c.

Euphorbia

Suitable for beds and borders.

VARIEGATA (Snow on the Mountain)—Attractive green foliage veined white; 2'. Pkt. 20c.

Evening Scented Stocks

BICONIS—An 18" plant with small purple flowers that are noted for their entrancing fragrance through the evening hours. Pkt. 20c.

Flowering Vegetables

Decorative, colorful for garden and arrangements. Plant in early July and transplant. Cold weather makes deeper colors. Pkt. 20c.

FLOWERING KALE—Larger and curled.

FLOWERING CABBAGE—Small, compact.

Four O'clock

MIXED—Free flowering, does well anywhere. Very easy culture. For low hedges. Pkt. 20c.

Gloriosa Daisy Rudbeckia

MIXED—A sensational Giant Hybrid Tetra Rudbeckia with single flowers up to 7" across in gorgeous golden yellows, mahogany and bicolors of orange, gold, mahogany and bronze. Wonderful for cutting and display. 3'. Pkt. 20c.

Godetia

Free flowering annual which does best in rather poor soil. Easily grown and fine for cutting.

DWARF SINGLE MIXED—Pkt. 15c.

TALL DOUBLE MIXED—Pkt. 15c.

Gypsophila (Baby's Breath)

ELEGAN'S ALBA—Small white clusters for mixing in bouquets. Easy to grow. Pkt. 20c.

Gourds - Ornamental

Easily grown, but pick fully ripe. Prices unless noted, Pkt. 20c; ½ oz. 55c; oz. \$1.00.

SMALL FRUITED VARIETIES: Apple, Aladin, Bottle, Orange, Pear, Spoon, Crown of Thorns and Nest Egg.

LARGE FRUITED VARIETIES: Bottle, Flat Corsiah, Caveman's Club, Longissima, Dalphon, Turk's Turban and Penguin.

SMALL WARTED MIXED.

SMALL MIXED—Main small sorts in mixture.

LARGE MIXED—Main large sorts.

Hearts and Honey

Climber with jaggedly cut leaves, deep clear green, 2" flowers are projected from long 2" tubes. Flowers open brilliant pinkish-orange, changing to brilliant pinkish red. Pkt. 20c.

Helichrysum

STRAWFLOWER MIXED—Fine everlasting flowers; bright colors for winter bouquets. Large, double blooms on good stems. When cut for drying hang up with flowers hanging downward. Pkt. 20c; ⅛ oz. 45c; ¼ oz. 75c; oz. \$1.85.

Heliotrope (Fragrant)

Start indoors, plant out in May.

GIANT FLOWERED MIXED—Pkt. 20c.

DWARF REGALE MIXED—12". Pkt. 25c.

Hop Vine (Japonicus)

Fast growing vine with deeply cut leaves. Makes 10-20 ft. in a season. Sow in May. Pkt. 25c.

Impatiens

HOLSTII HYBRIDS (Often called Sultanna or Busy Lizzy)—A favorite house plant, also an excellent border plant, forming a bushy plant 15" high with abundance of flowers. Mixed. Pkt. 25c.

DWARF BRIGHT ORANGE—Flat spreading growth, fine for shade. Pkt. 40c.

DWARF BRIGHT ROSE—Luminous deep rose, compact, free flowering. Pkt. 40c.

DWARF BLAZE—Scarlet-orange. Pkt. 40c.

DWARF WHITE—Pure white flower. Pkt. 40c.

Kochia (Burning Bush)

Symmetrical oval plants, 3' tall. Fine for hedges. Turns deep red in fall. Pkt. 20c; ½ oz. 40c.

Lantana

MIXED—Half hardy greenhouse or bedding plant. Verbena-like flowers. Fragrant. Pkt. 20c.

Larkspur (Regal)

The qualities of Imperial types, but has Delphinium-like florets on long, thick spikes. Violet-blue, lilac, rose, white and mixed. Each, Pkt. 20c.

Linaria

NORTHERN LIGHTS—Like small snapdragon, brilliant colors, bushy, erect plant. Pkt. 15c.

Linum (Flax)

VENETIAN RED—Carmine scarlet. Pkt. 20c.

BRIGHT EYES—White carmine-eye. Pkt. 20c.

Lupin

ANNUAL MIXED—Easily grown; spikes of pea-shaped blooms 2' high. Semi-shade. Pkt. 15c.

Lobelia

CRYSTAL PALACE COMPACTA—Best dark blue. Dwarf, 4", dark foliage. Pkt. 20c.

COMPACTA CAMBRIDGE BLUE — Light blue, 5" to 6". Very popular. Pkt. 20c.

COMPACTA ROSAMOND—Deep carmine-red with white eye. Blooms long time. Pkt. 20c.

SAPPHIRE (Trailing)—Large blue, white eye. Pkt. 20c.

DWARF MIXED—All colors. Pkt. 15c.

Marigolds

GILL'S "NEVER BEFORE" MIXED—(See picture in colors inside in back cover)—Giant shades and colors. Never before such remarkable freedom from the strong marigold odor. A leading florist remarked: "You have changed the Marigold so that with these new colors and forms we can use them extensively for general florist use." Strong, vigorous plants, loaded with giant blooms on long, strong stems. Without disbudding, irrigation or special fertilizing we grew many flowers 6" to 7" in diameter. Offered in colors ranging from light lemon to deepest orange, including many types with wide loose petals, others quilled, cupped or twisted in formation. In order to include new forms and colors some smaller types are included. Many are fragrant and the strong marigold odor is generally absent. Plants often stand 4 to 6 feet tall with branching habits and loaded with blooms. Each year we make new and better selections. Be sure to include these wonderful marigolds in your order. More of the lighter shades are included this year. By far the finest and largest selection we have ever had. **Pkt. 25c; 1/16 oz. \$1.00.**

NEVER BEFORE LEMON SHADES—Giant flowers in various formations. Long erect stems. Color light lemon to light yellow. Will show a few orange blooms. Ideal cut flower for florists. **Pkt. 25c; 1/16 oz. \$1.00.**

NEVER BEFORE, ORANGE SHADES—This selection of orange-colored blooms. **Pkt. 25c; 1/16 oz. \$1.00; 1/4 oz. \$3.00.**

GILL'S ANEMONE MARIGOLD—Striking new African Marigold. It grows 3 to 5 feet tall loaded with shades of yellow to orange blooms on long stems. While we have varieties in the French dwarf type with anemone centers, we have in this new African type large flowers with distinct outer guard petals. Many blooms measure 4" across, on long, strong stems. Bushes 4' tall, loaded with flowers. When cut they last several days in good condition and make splendid arrangements. Be sure to try it. Originated by Gill Bros. Seed Co. **Mixed. Pkt. 25c; 1/16 oz. \$1.25.**

BUTTERBALL—2" blooms of butter yellow, extra dwarf, double. **Pkt. 20c.**

CHRYSANTHEMUM FLOWERED HYBRIDS—Mixed. **Pkt. 20c.**

COLOR MAGIC—Striking blend of colors from red to golden yellow, many bicolors. Dwarf compact plants with 2½" double flowers. **Pkt. 25c.**

CRACKERJACK—2½'-3' plants that are early, compact, double and free flowering with flowers 4" to 5" across. **Mixed. Pkt. 25c.**

GLITTERS—A lemon yellow chrysanthemum-flowered African marigold, a little more dwarf and earlier than Mammoth Mum. **Pkt. 20c.**

LARGE AFRICAN—Tall, double. Free flowering. Lemon, orange and mixed. **Pkt. 15c.**

LEMON DROP—Dwarf French, compact, double canary yellow flowers. 9" tall. **Pkt. 20c.**

NAUGHTY MARIETTA—Wide, open, single 2½" flowers; rich golden yellow blotched maroon at the base of petals. Compact plant 1'; early continuous bloomer. Cutting, borders. **Pkt. 20c.**

DAINTY MARIETTA—Similar to above variety. Plants 6" tall. **Pkt. 20c.**

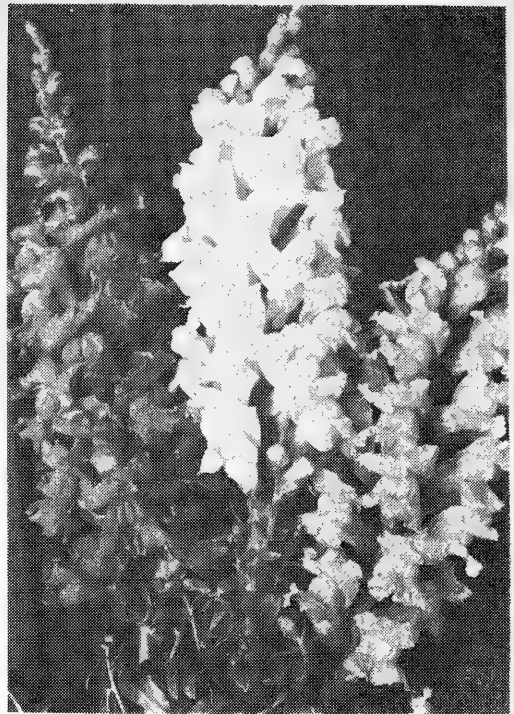
RUSTY RED—Large fully double flowers, with frilled petals of rusty red edged with gold, are freely borne well above the dwarf, bushy plants from early summer until frost. **Pkt. 20c.**

TOREADOR (B.M. A.A.S. 1960)—Giant F-1 Hybrid. Bushy, 2½'-3' tall plants. Covered with rich orange flowers highlighted by darker centers; early summer to frost. **Pkt. (30 seeds) 50c.**

DWARF AFRICAN MIXED—Dble. **Pkt. 15c.**

DWARF DBL. FRENCH MIXED—**Pkt. 15c.**

DWARF DOUBLE HARMONY—Golden yellow, bordered rich maroon red. Early, bushy plants. **Pkt. 15c; 1/4 oz. 55c; 1/2 oz. \$1.00.**



Tetra Snapdragons, Mixed, Page 31.

SPUNGOLD (Bronze Medal A.A.S. '60)—Early dwarf chrysanthemum type, 12" tall, erect, bushy growth, many 3", incurved petal golden blossoms. Ideal for mass bedding, borders, window boxes and pots. **Pkt. 30c.**

URSULA—Dense, rounded, free flowering fine lacy foliage, small golden yellow. Strong odor which is said to keep dogs away. **Pkt. 20c.**

PETITE—A.A.W. '58. Dwarf double French of uniform habit, early flowering; height 5"-6", spread about 10", mound shaped. Colors: orange, gold, yellow, harmony and mixed. Edging or low bedding plantings. **Pkt. 25c; 1/8 oz. 50c; 1/4 oz. 85c.**

SPRY—French. Early, 1½" blooms, yellow crested centers, mahogany guard petals. **Pkt. 15c.**

TALL FRENCH MIXED—Double. **Pkt. 15c.**

Mesembryanthemum

LIVINGSTONE DAISY (Crimiflorum)—Slightly spreading plants, with daisy-like 2" flowers. Thrives in poor soil. Mixed. **Pkt. 20c.**

ICE PLANT (Crystallinum)—Plants 8" high, stems covered with icicle-like protuberances which flash in the sun. Dainty white flowers. **Pkt. 20c.**

Mignonette

MACHET MIXED—Keep a succession by sowing in April and July. Extra large spikes. 15" to 18" for garden fragrance. **Pkt. 20c.**

Moon Flower (Vine)

BONA NOX and NOCTIFLORA MIXED—Blooms at sunset, fading in late morning. Will grow to 20 ft. with trumpet-shaped, white, pink or blue, fragrant flowers. Soak seed over night before planting. Germinates in 10-12 days. **Pkt. 20c.**

Morning Glory

FLYING SAUCER (New)—Sky blue and white stripes. **Pkt. 25c.**

HEAVENLY BLUE—Sky blue. **Pkt. 20c.**

SCARLET O'HARA—Rich dark wine red color. Blooms in 65 days. Prefers sandy soil. **Pkt. 20c.**

MIXED—Red, white and blue. **Pkt. 15c.**

Nasturtium

Sow in April, thin to 2" or 3". Prices unless noted: Pkt. 20c; oz. 65c; ¼ lb. \$1.75; lb. \$5.25.

Dwarf Compact Varieties

CHERRY ROSE—Double 2½"-3" fragrant.

MAHOGANY GEM—Sweet-scented, double.

SEMI-DOUBLE GEM MIXTURE—Compact.

FINEST MIXED—All colors, single. Borders. Pkt. 15c; oz. 35c; ¼ lb. 95c; lb. \$2.90.

Tall Varieties

SEMI-DOUBLE GOLDEN GLEAM—Sweet-scented yellow, borne above foliage.

SEMI-DOUBLE GLEAM HYBRIDS—Mixed. Sweet-scented blooms.

CALIFORNIA GIANTS MIXED—All colors, single. Pkt. 15c; oz. 35c; ¼ lb. 95c; lb. \$2.90.

Nemesia

DWARF GLOBE MIXED—Suitable for cool places, large orchid like flowers. Pkt. 20c.

Nemophila

Hardy annual. Easy culture. Useful for borders.

INSIGNIS BLUE (Baby Blue Eyes)—Pkt. 20c.

Nicotiana (Flowering Tobacco)

DAYLIGHT SENSATION—Blooms open during the daytime. Fragrant. Mixed. Pkt. 20c.

WHITE ON CRIMSON—Pkt. 25c.

Nigella (Love-in-a-Mist)

MISS JEKYLL—Many ideal cut flowers of bright blue. Seed pods for drying. Pkt. 20c.

Passion Flower (Passiflora)

COERULEA BLUE—Attractive vine with blue, white, purple flowers. Pkt. 25c.

Phlox

Massing beds, borders; sow indoors or outside.

GLAMOUR—(A.A.S. '60. B.M.) Bright salmon shade, deeper salmon eye; 1¼" on 12" plants. Vigorous, uniform, free flowering. Pkt. 50c.

GLOBE MIXED—Dwarf free flowering, rounded plants, branching habit. Pkt. 25c.

GIGANTEA ART SHADES MIXED—Pastel shades, white eye on 10" plants. Pkt. 20c.

TWINKLE MIXED—A.A.W. '57. New version of star mixed. Plants 6" high with toothed and frilled edges, best colors. Pkt. 20c; ⅛ oz. 55c.

Poppies

Sow in fall or early spring.

DOUBLE SHIRLEY (Begonia Flowered) — Satiny flowers; finely cut foliage. Mixed. Pkt. 15c.

Portulaca

(Sun Plant or Moss Rose)

For beds, edgings or rockeries.

DOUBLE MIXED—Selected. Pkt. 20c.

Petunias

ELKS PRIDE—Immense single, black purple flowers. Strong, vigorous grower. Pkt. 25c.

FLAMING VELVET—Mahogany-red with sheen; many flowers all season. Pkt. 25c.

FLUFFY RUFFLES—Mixture of bicolor shades, 2-3" flowers, very heavily ruffled. Strong and free flowering. Pkt. 35c.

FRINGED SNOWSTORM—12"-16" plants, 4" white blooms, for potting & bedding. Pkt. 35c.

RUFFLED DOUBLE GIANTS—A portion come double. Plants showing weakest vitality in starting make the best flowers. Mixed. Pkt. 40c.

SINGLE SPECIAL MIXED—Pkt. 20c.

BALCONY MIXED—Flower boxes. Pkt. 20c.

CALIFORNIA GIANTS—Often 5" wide, fringed, open throats. Desirable colors. Pkt. 25c.

All Double Petunia

Culture—For seeds of Giant Petunias. The safest method is to start them indoors 8 weeks before the usual outdoor planting time. Plant in a flat box or pan filled with vermiculite. Press them into the surface rather than cover, place glass over the box to retain moisture. Take glass off after the seed germinates to prevent dampening off. Weak, slow growing plants produce the finest flowers.

ALLEGRO—Fully fringed, double, bright salmon, 3½" to 4" across, on 12" strong, vigorous plants spreading 2'. Pkt. \$1.00.

COLOSSAL SHADES OF ROSE—The double blooms are often 5" across, in rose shades, salmon-pink through rosy-pink to rosy mauve. Vigorous plants 20" to 24" tall. Pkt. \$1.00.

ROSE MARIE—Lovely rose-pink. 3" across, compact 18" plants. Pkt. 85c.

SONATA—Large fully fringed, double, pure white flowers 3½" to 4" across. Trim for more dwarfness and better branching plants. Pkt. \$1.00.

GLORIOUS MIXTURE—Both tall and dwarf types in all Pan-American colors. Pkt. 85c.

CANADIAN MIXTURE—An improved double strain, with immense double flowers. Pkt. 85c.

Petunia Hybrid Grandiflora

BALLERINA—Extra large fringed flowers of glowing salmon. Vigorous, branching. Pkt. 50c.

CARNIVAL MIX F2—Variety of color, moderately compact. 12"-15" plants. Large fringed and ruffled flowers. Pkt. 35c.

CRUSADER—Dwarf, compact plants; large fringed striped rose on white. Pkt. 50c.

FIRE DANCE—Fringed brilliant salmon scarlet yellow throat. Dwarf semi-compact. Pkt. 50c.

PRIMA DONNA—Fringed bright rose pink. Dwarf, compact plants. Pkt. 50c.

SABRE DANCE—Slightly ruffled, 4½" bright crimson with white star. Dwarf, compact and vigorous. Pkt. 50c.

THE LUSTRES F1—Vigorous, 1' tall, spreading 2', abundance of waved flowers. Separate colors: Blue, red, rose and salmon. Pkt. 50c.

Petunia F1 Hybrids Multiflora

COMMANCHE—Bright red flowers, 2½-3", vigorous, bedding. Pkt. 50c.

GLITTERS—A.A.W. '57. Brilliant scarlet, white star-like edging. Bedding. Pkt. 50c.

MERCURY—Light blue, non-fading, light yellow throat; compact, more dwarf than other blues, vigorous. Bedding, boxes. Pkt. 50c.

PALE FACE—Vigorous, dwarf compact and free flowering. White, creamy eye. Pkt. 50c.

SATELLITE—Bright rose with perfect white star; dwarf, compact, and vigorous. Pkt. 50c.

SUGAR PLUM—Bright orchid pink, pencilled rich purple, non-fading, dwarf, compact. Pkt. 50c.

THE SATINS—Outstanding for its dwarf compact habit; having many blooms of excellent color. Very little fading. Truly fine strain. Separate colors: Coral, pink and red. Pkt. 50c. Pelleted seed, coral and white satin, with instructions, 30 seeds to pkt. 50c.

Petunia Nana Compacta

CELESTIAL ROSE—Bright rose, 1' tall, compact; potting and beds. Pkt. 25c.

CHEERFUL—Flowers 2-3"; salmon; on dwarf mounds 10" high, 2' across. Beds. Pkt. 25c.

CONFETTI (F2)—Brings extra vigor, and blooms to the bedding class. Pkt. 25c.

NANA COMPACTA MIXED—Miniature, 5"-6" high. Border and rock gardens. Pkt. 20c.

ROSE OF HEAVEN—Brilliant rose. Pkt. 20c.

ROSE MORN—Rose, white throat. Pkt. 20c.

Rhodanthe (Everlasting)

MIXED—Attractive strawflower, with small double daisy-like, pink and white flowers. **Pkt. 25c.**

Rudbeckia

MY JOY—Large daisy-like, orange-yellow flowers with a small dark centered cone, height about 2'. An excellent cut flower. **Pkt. 30c.**

GLORIOSA DAISY—See page 28.

Salpiglossis

Plant in open in May. **Pkts. Each 20c.**

DWARF GIANT FLOWERING MIXTURE—Average 18" to 20" tall; compact branching habit. Showy, trumpet shaped blooms in rich color tones and velvety texture for cutting.

LARGE FLOWERING—MIXED—Tall.

Salvia (Flowering Sage)

Sow indoors in February, plant in May.

BLAZE OF FIRE—Extra early strain, 14" to 16" high. Masses of bright scarlet flowers. **Pkt. 25c.**

BONFIRE—Dark green foliage; erect, globular growth with scarlet-red flowers on 2' plants. Showy. **Pkt. 25c; 1/8 oz. 85c; 1/4 oz. \$1.50.**

FIREBALL—Extra early, dwarf 10" high, bright red flowers, base-branching plants. **Pkt. 25c.**

SPLENDENS—Loose sprays of bright scarlet, 3' tall. **Pkt. 20c; 1/8 oz. 75c; 1/4 oz. \$1.35.**

BLUE BIRD—Booms July on 15-18" plants bushy base branching. Dark blue. Cutting. **Pkt. 25c.**

Sanvitalia (Creeping Zinnia)

Golden yellow with dark centers. June until frost. Sunny borders and ground covers. **Pkt. 20c.**

Scabiosa (Morning Bride)

LARGE FLOWERED DBLE. MIXED—Large ball-shaped flowers, sow outside after frost danger. Seed stock can be dried. **Pkt. 20c.**

Snapdragon

For early flowers sow in the fall, setting out in spring, or grow plants in spring in hot beds.

LOVE LETTERS—New type. Giant flowers on dwarf (10"-12") bushy plants. Mixed. **Pkt. 30c.**

VANGUARD—A.A.B.M. '60. Long spikes, tapered nicely, well placed, double flowers with extra ruffled petaloids. **Pkt. \$1.00.**

ROCKET—New F-1 Hybrid for garden use and hot weather tolerance. Long spikes, evenly spaced florets on vigorous, uniform plants. Colors: **red, rose, orchid, bronze, gold, white, mixed.** **Pkt. 45c.**

TOM THUMB—Dwarf, compact, 8" plants, completely covered with very big flowers of exceptionally blazing colors. **MIXED. Pkt. 25c.**

GIANT RUFFLED TETRA MIXED—Long tapering spikes. Fine cutting or bedding. **Pkt. 25c.**

GIANT SKYSCRAPER MIXED—Glorious blend of pastel shades. Base branching 3-7 stems, 3' tall. Outstanding. **Pkt. 25c.**

(Rust Proof Maximum Type)

Prices, unless noted, **Pkt. Each 20c.**

ALASKA—Large pure white.

APPLE BLOSSOM—Soft rose-pink, white tube.

YELLOW GIANT—Canary yellow, white tube.

MAXIMUM MIXED—Pkt. 20c; 1/16 oz. 45c.

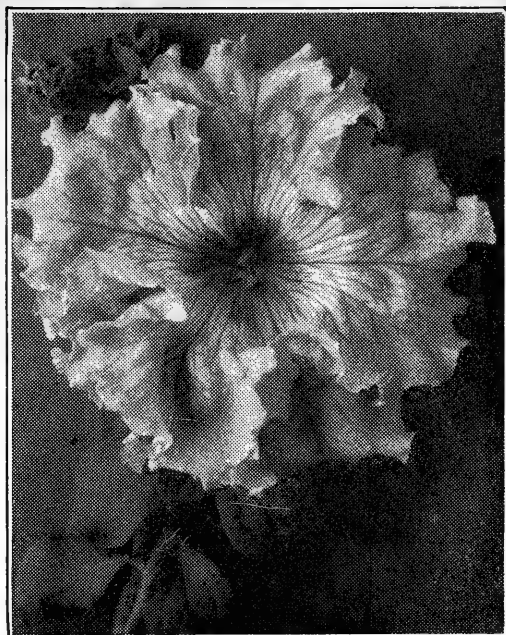
BLACK PRINCE (Not Resistant)—Nearly black, attractive, small dark leaves.

Schizanthus (Butterfly)

ANGEL WINGS—(Poor Man's Orchid) Plants are compact, dwarf and uniform, with abundance of bright flowers with gold centers. **Pkt. 30c.**

Sensitive Plant

MIMOSA PUDICA—Curious foliage plant with fern-like leaves that close up if touched or shaken. Flowers like pink fluffy balls. **Pkt. 25c.**



Petunia, California Giants, Page 30.

Statice (Everlasting)

ANNUAL MIXED—Pkt. 20c.

SUWOROWI or RUSSIAN RAT TAIL—Interesting and artistic, slender spikes of rose-pink. For greenhouse or garden. 30". **Pkt. 20c.**

STOCKS

BEAUTY OF NICE MIXED—Quick growing, early and continuous blooming. Double flowers in many pastel shades. Fine for cutting. **Pkt. 20c.**

IMPROVED LARGE FLOWERING TEN WEEKS—Dwarf, compact, branching, fine for bedding. Height 12". **MIXED. Pkt. 20c.**

DOUBLE EARLY GIANT IMPERIAL MIXED—Known for fine branching habit, early flowers, high percent of doubles, 2½ feet. For greenhouses. **Pkt. 20c.**

DOUBLE GIANT COLUMN—Fully double, close spaced flowers. Strictly non-branching; especially valuable for florists. Offered **Ball White, Pacific Pink and Mixed. Pkt. 25c.**

TRYSONIC GIANT IMPERIAL—This new stock will produce 85% or more double flowers, sown from seed. **Bright rose, fiery red, navy blue, white and mixed. Each, Pkt. 25c.**

TRYSONIC SEVEN WEEK MIXED—Early, dwarf double plants, first throw a central spike of bloom, followed by numerous side branches, forming attractive 12" to 15" plants. **Pkt. 25c.**

Sunflower

CHRYSANTHEMUM—Double, golden yellow; immense blooms on strong, tall stalks. **Pkt. 20c.**

CUCUMERIFOLIUS EXCELSIOR HYBRID—New mixture of excelsior hybrid type and size. 4-6" flowers. Shades of yellows and reds. **Pkt. 25c.**

Sweet William

WEE WILLIE—Compact plant, about 4"-6" high and 4" across, with shades of red, single flowers. Excellent annual edging plant. **Pkt. 25c.**

Thunbergia (Black Eyed Susan)

FINEST MIXED—Rapid climber, preferring a warm place; useful for hanging baskets, vases, fences. A good mixture. 5'. **Pkt. 20c.**

Tithonia (Mexican Sunflower)

TORCH—Easily grown, thrives on hot weather. Orange-red, a good cut flower. 3'-4" across, that blooms from August until frost. **Pkt. 20c.**

Virginia Stocks

DWARF MIXED—Plants 6" to 8" tall, excellent for borders. Very fragrant. **Pkt. 15c.**

Verbenas

Spreading types except last one. PRICES: Unless otherwise noted: **Each Pkt. 20c.**

SUTTON'S BLUE—Deep royal blue.

EXQUISITE MIXED—A good mixture.

CRYSTAL—Pure white flowers on neat, dwarf, tightly formed 10" plants. 12" wide.

SPARKLE—Bright, scarlet red flowers, with gleaming white eye on 9" plants. Blooms are in clusters of 12 to 15 per plant in solid mass.

SPARKLE MIXED—Dwarf, compact 10" plant completely covered with giant sized florets throughout the entire season.

DELIGHT—Coral pink suffused salmon flowers on dwarf, compact plants reaching a height of 5"-6", with a spread of 18".

DWARF UPRIGHT RAINBOW MIXED—A lively blend of colors. A large share of the blooms have a large eye of a contrasting color. **Pkt. 25c.**

Vinca

COQUETTE (Little Pinkie)—10" domes of glossy deep green leaves covered with rosy pink flowers all summer. **Pkt. 25c.**

LITTLE BRIGHT EYES—Same habit as Coquette. Pure white with rose eye. **Pkt. 25c.**

Wallflower

DOUBLE EARLY WONDER MIXED — Blooms in 90 days, Oriental colors. **Pkt. 20c.**

Wild Flower Garden

A mixture of many wild flower seeds which give splendid results on banks and roadsides. This mixture contains annual and perennial flowers of easy culture. **Pkt. 20c; ½ oz. 55c; oz. \$1.00.**

Bedding Zinnias

PRICES—Pkt. Each 20c; ¼ oz. 50c; oz. \$1.25.

SCABIOSA FLOWERED MIXED—Medium sized, resembling Scabiosa. Popular.

GAILLARDIA FLOWERED MIXED (Navajo)—Two toned with a deeper color in center.

LILLIPUT TOM THUMB—This mixture is the most dwarf Zinnia known. Fine for borders.

LILLIPUT DOUBLE—Miniature flowers about the size of a daisy; excellent for borders. **Crimson Gem, Rosebud and Mixed.**

CUPID MIXED—Dwarf, compact little plants bearing quantities of button flowers smaller than Lilliput. For edging and pots.

Seaweed Products

LIQUIFIED SEAWEED (Maxicrop). Seaweed specially processed, that keeps all its goodness intact and changes it into a form of immediate value to the plants. 1 tablespoon to 1 gallon of water can be used on seed beds, house plants, transplanting, etc. **Postpaid to 4th zone; ½ pt. 85c; Pt. \$1.35. Write for quantity prices and literature.**

ALGIT. Sundried seaweed is a natural organic source of trace minerals, vitamins, amino acids and plant hormones. This can be used as a soil conditioner and for livestock feeding. Seaweed improves soil structure, which promotes aeration and nitrogen fixation. Algit suits all crops and soils, (especially fine for clay soils). **Postpaid to 4th zone, 5 lbs. \$1.25. Write for literature and quantity prices.**

ZINNIAS

These are greatly improved, popular varieties along with new sorts. Blooms 5" to 6" across are very common. **Best results are obtained by planting where you wish them to grow when weather permits.** This is far better than transplanting. Plant seed outdoors May 1 to June 15.

STATE FAIR MIXED—New 1961. A distinct improvement, having more and brighter colors. Large flowers, good plant vigor. Especially vigorous for plant growers. **Pkt. 25c; ¼ oz. \$1.25.**

ELEGANS PUMILA—Between the Giants and Lilliputs in size. Double flowers, for cutting, borders and massing. **Mixed. Pkt. 15c; ¼ oz. 45c.**

FANTASY MIXED—Shaggy, medium sized double flowers. **Pkt. 15c; ¼ oz. 45c.**

LUTHER BURBANK—A blend of pastel or art shades. Deep flowers, 5" to 5½" across, composed of numerous petals curled under at the ends. Vigorous 3'-4' tall. **Pkt. 25c; ¼ oz. \$1.00.**

MERRY GO ROUND—Bicolor flowers, 3-4" on dwarf, bushy 1-1½' plants. **Pkt. 25c; ¼ oz. \$1.00; ¼ oz. \$1.75.**

ORTHO POLKA—Large peppermint stick, plants are much larger and more vigorous. **Mixed. Pkt. 20c; ¼ oz. 75c.**

PEPPERMINT STICK—Medium-sized striped flowers on robust plants. **Pkt. 20c; ¼ oz. 75c.**

PERSIAN CARPET—Variegated flowers the size of a dollar, garden edging; dwarf plants, bloom early, tidy 15" brilliant mound. **Pkt. 20c.**

CREPING ZINNIA—See Sanvitalia, page 31.

GIANT CACTUS ZINNIAS

This type has various petal formations, some are the informal fluffy or ruffled type, some curled, others gracefully quilled. The feathery, loosely arranged petals give airy appearance, free of the stiffness often noted with other zinnias.

PRICES—Unless noted: **Pkt. 25c; ¼ oz. 95c.**

BLAZE—Mandarin-red toned scarlet orange.

FLORADALE SCARLET—Scarlet red.

CHERRY TIME—(New). Includes closely related hues of cherry, rose red, magenta rose. 5" blooms on vigorous plants.

ICE CREAM—Cream white.

BURPEE HYBRIDS MIXED—All colors.

DARK JEWELS—New mixture with emphasis on new, strong, dark colors as well as light colors.

Special Zinnia Collection No. 7

You may select any 6 pkts., priced at 20c each, worth \$1.20 for \$1.00 postpaid.

MAMMOTH DAHLIA ZINNIAS

Improved double Zinnias, gigantic size.

PRICES: Pkt. 20c; ¼ oz. 50c; ¼ oz. 85c.

CANARY BIRD—Rich canary yellow.

CRIMSON MONARCH—Largest red.

DREAM—Lavender turning to mellow purple.

ELDORADO—Large salmon apricot.

EXQUISITE—Light rose with deep rose center.

LUMINOSA—Bright deep pink.

METEOR—Rich, glowing red.

POLAR BEAR—Large creamy white.

WILL ROGERS—Deep scarlet.

MAMMOTH DAHLIA MIXED.

California Giant Type

This type has rare and striking colors.

PRICES: Pkt. 20c; ¼ oz. 50c; ¼ oz. 85c.

CHERRY QUEEN—Cerise rose.

DAFFODIL IMPROVED—Canary yellow.

GRENADIER—Bright red.

MISS WILMOTT—Giant, soft pink.

PURITY—Giant, pure white.

VIOLET QUEEN—Deep purple.

CALIFORNIA GIANT MIXED.

SWEET PEAS

WE OFFER THE LARGEST SELECTION OF SWEET PEAS IN THE NORTHWEST

All Sweet Pea Seeds Treated With ROOTONE

Their easy culture, freedom of bloom, artistic appearance and delightful fragrance, combined with their splendid cut-flower qualities make them one of the most desirable flowers for the public.

Spring sowing should be made as early in the spring as soil conditions permit. In the coast region they can often be planted in February. They can also be planted in November and they will bloom very early in the spring; often by Decoration Day. Ask for culture bulletin.

Cuthbertson Floribunda

This new race of heat resistant Sweet Peas is outstanding for vigor, extra large flowers on long, strong stems, five or more large florets per stem. Very valuable for all conditions especially those places where sweet peas are difficult to grow.

PRICES: Pkt. 15c; ½ oz. 40c; oz. 70c; ¼ lb. \$2.10; lb. \$5.90.

ANN—Bright carmine rose.

DAISY—Black seeded white.

EILEEN—Coral pink.

EVELYN—Salmon cream pink.

FLORA—Rose carmine.

FRANK G.—Rosy lavender.

JIMMY—Rich oxblood crimson.

LOIS—Rose pink.

ROBERT—Mid-blue.

MIXED—A glorious mixture.

Early Flowering Zvolanek

Early multi-flowering type can be grown in greenhouses or outdoors. Bloom in about 75 days depending on weather conditions. 5-8 flowers on long stems. Pkt. 20c; ½ oz. 40c; 1 oz. 70c; ¼ lb. \$1.50; lb. \$5.25.

WHITE—Paper white.

VALENTINE—Rich salmon on cream.

CRANBERRY RED—Crimson, rose undertone.

EARLY ZVOLANEK MIXED—A very fine mixture. Pkt. 20c; oz. 50c; ¼ lb. \$1.40; lb. \$5.00.

Giant Flowering Spencer

PRICES: Pkt. 15c; oz. 40c; ¼ lb. \$1.20; lb. \$4.50.

BONNIE BRIER—Rose pink.

FAIRY PRINCESS—Flesh pink and salmon.

GIGANTIC—Pure white.

LADY GAY—Salmon cerise.

MASTERCREAM—Large cream.

MONTY—Rich pink on white.

POWERSCOURT—Mammoth lavender.

RED BOY—Rich crimson.

WARRIOR—Deep maroon.

WELCOME—Brilliant scarlet.

WINDSOR BLUE—Clear mid-blue.

Giant Ruffled Spencer

Flowers duplexed, heavily ruffled and frilled.

PRICES: Pkt. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.80; lb. \$5.00.

RUFFLED BEAUTY—Cream-pink and lilac.

RUFFLED BLUE—Large clear blue.

RUFFLED CRIMSON—Rich crimson.

FLUFFY RUFFLES—Cream pink on cream.

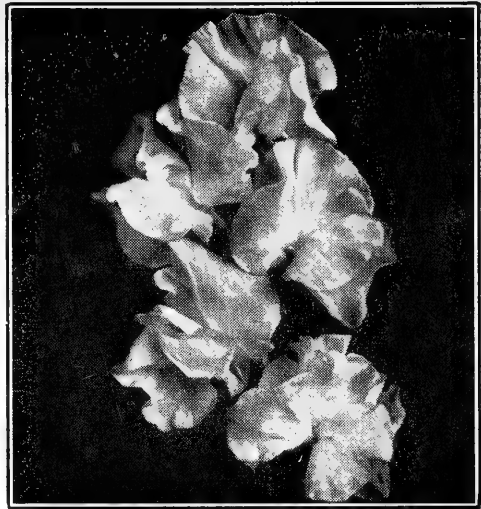
RUFFLED ROSE—Rich rose.

RUFFLED WHITE—Good white.

RUFFLED MIXED—Excellent mixture.

Canadian Mail Orders

Bulbs and plants require a permit into Canada. Apply to your Customs House. On parcel post for bulbs and plants, add 15% additional to your order on such items by mail.



Early Flowering Spencer, This Page.

New Galaxy Sweet Peas

Giant blooms from early summer on. Each spray has a bevy of 5 to 7 flowers. Vigorous plants produce numerous long stems with many blooms. Pkt. 25c; ½ oz. \$1.00; oz. \$1.90.

JUPITER—Carmine rose.

MERCURY—Salmon cerise.

MILKY WAY—Rich cream.

NEPTUNE—Clear mid-blue.

VENUS—Pink suffused salmon.

Mixed Sweet Peas

EARLY FLOWERING SPENCER MIX—Two weeks earlier than regular Spencers. For greenhouse forcing or outdoors. Pkt. 20c; ½ oz. 40c.

SHOW GROUND MIXTURE—A remarkable mixture of new and standard name Spencers. Pkt. 15c; oz. 35c; ¼ lb. 95c; lb. \$3.25.

BUTTERFLY HYBRIDS—A striking blend of striped colors. Large blooms, good stems. Pkt. 15c.

LITTLE SWEETHEART MIX—Dwarf plants growing upright, form a rounded bush 8" high. Pkt. 20c; ½ oz. \$1.70.

Radio Talks and Bulletins

Talks free upon request. Order by number. Numbers 1 to 18 by Ray W. Gill.

1. Parsnips, Tuber Artichokes and Beans.
2. Cucumbers, Cantaloupes, Watermelon, Pumpkin.
3. Sweet Corn, Squash and Field Corn.
4. Radish, Turnips, Broccoli, Rutabagas, Etc.
5. Spinach, Lettuce, Endive, Mustard, Etc.
6. Cabbage, Brussels Sprouts, Cauliflower, Kale.
7. Carrots, Beets and Potatoes.
8. Tomatoes, Peppers and Egg Plant.
9. Onions, Garlic, Leek and Peas.
10. Perennials for Food, Asparagus, Artichokes.
11. Plant More Fall Gardens.
12. Best Varieties for Home Gardens.
13. Planning the Home Garden.
14. Fertilizers, How to Use.
15. Sweet Pea Culture.
16. Lawn Culture.
17. Growing Perennial Flowers From Seed.
18. Culture of Dahlias.
19. Rhubarb Culture.
20. Mushroom Culture.
21. Culture of Tuberous Begonias.
22. Culture of Fall Bulbs.
23. Gladiolus Culture.
24. Blueberry Culture.
25. Success with Fine Seeds.
26. Rose Culture.

PERENNIAL FLOWER SEED

Perennial Flowers are the permanent ones, which live for many years. These plants bloom every year and die down again to the roots. They remain alive but are dormant until the next season. Some perennials bloom the first year from seed if sown early, and germination is better than those sown during the summer heat. The larger plants will also winter over better. Two seasons are usually required before they make full bloom. Ask for bulletin on perennials from seed. For Annual Flowers see page 26.

Abutilon (Flowering Maple)

GIANT HYBRID MIXED—Grow indoors, can be put outside in summer. Has maple leaves with pendant flowers. Fast growing. **Pkt. 30c.**

Agapanthus (Lily of the Nile)

Large umbels containing 100 up to 150 buds and blooms all at once, blooming in July and August. Foliage resembles that of the amaryllis and the flower stems stand as high as 4'. Blue. **Pkt. 30c.**

Aconitum (Monkshood)

NAPELLUS—Spikes of curious shaped blue flowers. Blooms shaped like Monkshood. **Pkt. 20c.**

African Violet

AVALON BLEND—An excellent mixture of many named sorts in many colors. **Pkt. 75c.**

Alyssum (Basket of Gold)

SAXATILE COMPACTUM—Grows 1' high and makes a mass of small yellow flowers in May. Easy to grow. **Pkt. 20c.**

Anchusa

DROPMORE VARIETY—Rich gentian blue flowers in drooping sprays. Does well in dry areas with partial shade. **Pkt. 20c.**

Anemone

ST. BRIGID—Good range of colors in single, semi-double and double. **Pkt. 20c.**

Anthemis (Marguerite)

SANCTA JOHANNIS—Brilliant yellow flowers about 1½", borne single on straight stiff leafless 9"-12" stems. Good cut flowers. **Pkt. 25c.**

Arabis (Rock Cress)

ALPINA—A mass of white flowers very early in the spring. **Pkt. 20c.**

SPRING CHARM—Compact bushy plants 8" high, with intense carmine flowers. **Pkt. 25c.**

Armeria

FORMOSA HYBRIDS—For rockeries and borders. Compact plant with clover flowers in pink shades. **Pkt. 20c.**

Astilbe

Exquisite feathery flower plumes, for garden or forcing in pots. **MIXED. Pkt. 30c.**

Asparagus

PLUMOSUS—Fine greens for bouquets. Fern-like foliage, tender perennial, sow in pots. **Pkt. 20c.**

SPRENGERI—For mixed bouquets. **Pkt. 20c.**

Hardy Asters (Michaelmas Daisy)

PERENNIAL MIXED—These hardy fall flowers are very popular. **Pkt. 25c.**

Aubrietia (Rainbow Rock Cress)

LARGE FLOWERING HYBRIDS—Improved. Colorful rockery and border plants. Sow in June. Masses of exquisite blooms. **MIXED. Pkt. 25c.**

LIECHTLINI—Carmine-rose. **Pkt. 25c.**

Begonia (Fibrous)

LUMINOSA COMPACTA—Dwarf; free flowering; scarlet red. 4"-6" tall. **Pkt. 50c.**

SNOWBANK—Large glistening white flowers on dense growing, uniform plants. **Pkt. 50c.**

Tuberous Begonias

DOUBLE MIXED—One of the best strains. Flowers 5" to 8" in diameter; resembles roses, although some will still resemble the Double Camellia. Very small seed. **Pkt. 75c.**

DOUBLE HANGING MIXED—A good hanging habit; masses of medium blooms. **Pkt. 75c.**

Cactus Seed

MIXED—Many varieties. **Pkt. 30c.**

SUPER MIX—Newer selections. **Pkt. 40c.**

Candytuft (Iberis)

SEMPERVIRENS—White flowers in late May, beds or borders. Thrives in all sections. **Pkt. 25c.**

TENONEANA—Neat, compact plants, with delicate pink flowers. **Pkt. 30c.**

Canna

MIXED—Successfully grown from seed if planted early. Pour boiling water over the seed, take them out after 24 hours and sow at once in sand or plant in a hot bed. Give some bottom heat and cover ¼" to ½". The seed germinates irregularly in two to four weeks. **Pkt. 25c.**

Centaurea (Dusty Miller)

CANDIDISSIMA—Thick silvery white leaves. Sow early in sun. Nice with reds. **Pkt. 20c.**

Canterbury Bells

Plant in frame in early spring, or outdoors, June 1st. Cover seed lightly; cover with papers until seed germinates. Easily grown.

CUP AND SAUCER BELLS, bi—The largest type, with cup and saucer-like flowers. **Dark blue, pink and MIXED. Pkt. 20c.**

SINGLE MIXED, bi—Bell-shaped. **Pkt. 20c.**

PEACH BELLS, (Persicifolia) DOUBLE MIXED—Bell-shaped blooms on tall spikes. A good proportion of the blossoms will come partly or fully double. Hardy perennial. **Pkt. 20c.**

Carnation

Perennial, blooming the first season.

CHABAUD'S GIANT DOUBLE IMPROVED—SCARLET, YELLOW AND MIXED. Clove scented, fringed, 2" blooms. Cut back, pot in fall for indoor bloom. **Pkt. 20c.**

FANTASY MIXED—These are the Chabaud's type, with striped and variegated flowers. **Pkt. 20c.**

FLORIST MIXTURE—Mixed from florist sorts. Can be used inside or out. **Pkt. 35c.**

ENGLISH GIANT MIXED—Blooms surpassed in size only by the greenhouse type; if disbudded will closely approach that size. Beautiful colors. **Pkts. only. 35c.**

Cerastium (Snow in Summer)

TOMENTOSUM—Dwarf, creeping, woolly silvery foliage and small white flowers. **Pkt. 20c.**

Cineraria (Biennial)

HYBRIDA GRANDIFLORA DWARF (Nana) MIXED—Beautiful greenhouse, or indoor flower, easily grown from seed. Cool room best. **Pkt. 35c.**

Chrysanthemums

EARLY GARDEN—Full double and semi-double 3" flowers in splendid colors. **MIXED.** Pkt. 15 seeds 35c.

JAPONICUM MIXED—Excellent mixture of all types, such as the Spider type, medium sized pompon, incurved flowers. Many colors. Sow anytime in frame except summer months. Pkt. 75c.

KOREAN HYBRIDS—Single, semi-double and double flowers in a wide range of colors. Bloom in September until frost. Will bloom the first year if sown early. 2' to 2½'. Pkt. 40c.

Clematis

LARGE FLOWERED—A colorful vine with large, showy flowers. Should be planted so the roots will be in the shade. Plant in the early spring while soil is cool. Pkt. 65c.

UPRIGHT DAVIDIANA—Sweet scented, deep blue flowers in dense clusters. Fully hardy shrub. Grows 3 to 4 feet tall. Pkt. 40c.

Cyclamen

GIANT MIXED—A splendid mixture of brilliant and soft shades, grown from a highly selected strain. It requires 16 to 18 months to produce blooming plants from seed. Pkt. (15 seeds) 35c.

NEAPOLITANUM—This winter-hardy cyclamen for outdoor plantings, yields in Autumn a profusion of blossoms, growing in a shady place. If planted in the Spring, the seed should be chilled in the refrigerator, not the freezing compartment, for 3 days before planting. Pkt. (10 seeds) 35c.

RUFFLED CYCLAMEN—(New). For greenhouse hobbyist. Holland imported. White with rose blotch or solid red. Pkt. (15 seeds) 50c.

Columbine (Aquilegia)

Best in partial shade and light, fairly rich, well drained soil. Start inside or in open, transplant.

MCKANA GIANT HYBRIDS—(A.A. B.M.) Large, showy flowers, 3" to 4½" across with long 3" spurs. These flowers are more widely flared than other types. Strong, free-blooming plants 20-26" high. Excellent range of colors. Pkt. 40c.

BLUE SHADES—Long spurred. Light blue, mid-blue, deep blue to purple. Pkt. 25c.

MRS. SCOTT ELLIOTT LONG SPURRED HYBRIDS—Best mixture. Popular. Pkt. 20c.

CLEMATIS COLUMBINE—Pink and white flowers without spurs. Is greatly admired. Pkt. 30c.

Coreopsis

DOUBLE SUNBURST—Deep golden yellow. Excellent cut flowers, and easily grown. Pkt. 20c.

Dahlia Seed

Starts like Asters, transplanting May 1st - 20th.

UNWIN'S DWARF HYBRIDS MIXED—Miniature double and semi-double flowers on dwarf bushy plants. Start Jan. for May. Pkt. 25c.

CHOICE MIX—Extra choice type. Pkt. 30c.

COLNESS MIXED—Dwarf, compact, single; free flowering. For bedding and cutting. Pkt. 20c.

DECORATIVE MIXED—Pkt. 35c.

DOUBLE CACTUS—Good mixture. Pkt. 40c. The Dahlias below are from outstanding hybridizers. Special Selections from named varieties:

LARGE F. D. MIXED—Pkt. (10 seeds), 50c.

MED. CACTUS MIXED—Pkt. (10 seeds), 50c.

POMPON MIXED—Pkt. 35c.

Dianthus, Pinks

DOUBLE DWARF CLOVE PINK MIXED—Early, compact, spicy clove scented. Many will bloom first year if planted early. Pkt. 25c.

Digitalis, Foxglove

SHIRLEY MIXED—Immense. Pkt. 20c.

EXCELSIOR HYBRIDS—Florets of this strain are carried all around the stem either horizontal or nearly erect. Strong heavily laden spikes 5'-6' high. Excellent mixture. Pkt. 25c.

Double Daisy, Bellis or English

ROGGI RED—Small, fully double daisy. Bright red. Superior strain by Roggli Bros. Pkt. 35c.

MONSTROSA MIXED—Excellent giant type, flowers are larger, more fully double. Pkt. 25c.

Delphinium (Perennial Larkspur)

BLACKMORE C. H. MIDDLETON—Hybrid, large semi-double, fine blue flowers on 4' tall spikes. Free flowering. Pkt. 30c.

DWARF FINEST MIXED—An excellent mixture for borders and rock gardens. Pkt. 25c.

IMPROVED BELLADONA (Special Strain)—Light blue, large single flowers. Pkt. 25c.

IMPROVED BELLAMOSUM (Special Strain)—Deep blue, single, blooms 2½" across. Pkt. 25c.

THE NEW PACIFIC GIANTS

An outstanding strain originated on the Pacific Coast. Comparatively mildew resistant, nearly 100% double. Prices: Unless noted: Pkt. 35c.

ASTOLOT SERIES—Pale blush, through lilac pink, to raspberry rose. Bees are cream, brown, fawn and black. Pkt. 50c.

BLUE JAY—Clear medium blue, black bee.

GALAHAD SERIES—Giant glistening white.

GUINEVERE SERIES—Light pinkish lavender self; white bee. Excellent.

KING ARTHUR SERIES—Violet, white bee.

SUMMER SKIES SERIES—Clear, light blue; contrasting white bee.

PERCIVAL—White with black bee.

PACIFIC GIANTS MIXED—Splendid blend.

Echinops (Globe Thistle)

RITRO—Metallic blue flower heads 1½"-2" across on 2-3' plants. These can be dried for winter bouquets. Fine garden accent. Pkt. 20c.

Eremurus (Foxtail Lily)

Stout flower stalk sometimes 8 ft., clothed from half its length with close-set star blooms which last for several weeks. Foliage appears quite early in spring and must be protected against frosts. Seed should be frozen before planting, or planted in late fall or early spring. Pkt. (25 seeds) 35c.

Erigeron

SPECIOSUS—Daisy-like blue blooms with small centers and long, narrow petals. Pkt. 20c.

Forget-Me-Not, Myosotis

ALPESTRIS BLUE, bi—Compact, upright, dainty. Everblooming; easily grown. Pkt. 20c.

ALPESTRIS ROSE, bi—Dwarf, compact plants, with sprays of rose-pink flowers. Pkt. 20c.

INDIGO BLUE, bi—Compact, 6". Pkt. 20c.

EVERBLOOMING, bi—True Marsh Forget-Me-Not, blue. Early spring to autumn. Pkt. 20c.

Fuchsia

MIXED—Fine selection of double and single types. Interesting seedlings. Pkt. (25 seeds) 50c.

Gaillardia

DAZZLER—Gold and Maroon red. Pkt. 20c.

PORTOLA HYBRIDS—Bronzy red, gold-tipped, flowers all summer. Pkt. 20c.

Gentian

ACAULIS—Blue gentian of the Alps. Good rock-garden flower; 4" to 7" tall. **Pkt. 35c.**

Geranium

LADY or MARTHA WASHINGTON—Large showy flowers with contrasting darker blotchings. Semi shade. Mixed. **Pkt. (15 seeds) 35c.**

SCENTED LEAF—The delightful fragrance of the leaves add beauty of form and foliage to the plants. **MIXED. Pkt. (15 seeds) 35c.**

ZONALE MIXED—Start indoors. Slow germinating, coming up for weeks. Superior. **Pkt. 35c.**

LITTLE READ'S STRAIN (New)—Read's have developed a disease resistant F-1 Hybrid with amazing vigor and freedom of flowering. This strain will produce varieties from 6" up to normal Zonale growth habit. **Pkt. (12 seeds) \$1.00.**

Gerbera (Transvall Daisy)

HYBRIDA GIANT, CALIFORNIA STRAIN—Half hardy perennial. Large daisy-like blooms in many pastel shades on long stems. Sow seed singly, cover lightly, water sparingly in hot-bed. Prefers sun. Good cutting. **Pkt. (25 seeds) 25c.**

Geum

MRS. BRADSHAW—Semi-double flowers, 2" across, brilliant scarlet; fine cut flowers; easily grown. Blooms in June and July. **Pkt. 20c.**

LADY STRATHEDEN—Dble. yellow. **Pkt. 25c.**

Gloxinia

GIANT FLOWERED MIXED—Greenhouse or indoor, showy; great bell-like flowers in superb range of coloring and markings. **Pkt. 50c.**

Gynerium (Pampas Grass)

ARGENTEUM—One of the finest and most showy of all grasses. Long silky white plumes are borne in late summer and last for a month. May be cut and dried for winter decoration. **Pkt. 40c.**

Gypsophila (Baby's Breath)

PACIFICA—Lovely rose-colored blooms the first season. Erect, tall growing. **Pkt. 25c.**

PANICULATA—Single, white. **Pkt. 15c.**

PANICULATA DOUBLE—Mostly double white flowers, covering 2-3' plants. **Pkt. 25c.**

Helenium

AUTUMNALE MIXED—Showy 3'-4' plants, with yellow, thru old gold and coppery orange, to autumn brown and wallflower red flowers. **Pkt. 25c**

Helianthemum (Sun Rose)

MUTABILE—Mixed rock plant. **Pkt. 25c.**

Heliopsis

A fine display of double and semi-double yellow flowers, ideal for cutting. **Pkt. 25c.**

Heuchera (Coral Bells)

SANGUINEA SPLENDENS—18" high. Coral-red flowers, blooming in July and Aug. **Pkt. 25c.**

HYBRIDS—Flower sprays will vary from pink through rose and coral, to deep reds. **Pkt. 25c.**

Hibiscus

HYBRIDS MALLOW MARVEL MIX—Easily grown giant types with flowers 3" to 5" in diameter. Blooms in September. **Pkt. 35c.**

Hollyhock

CHATER'S DOUBLE—Mixed. **Pkt. 20c.**



Trollius or Globe Flower, Page 38.

Incarvillea

GRANDIFLORA BREVIPES—Hardy on West Coast. Rose flowers on 2' stems. Blooms in June and July. Seeds may lie dormant for a year before they germinate. **Pkt. 25c.**

Iris

JAPANESE MIXED—2 years to bloom; fine for cutting and backgrounds. **Pkt. 35c.**

SPURIA MIXED—A tall stately garden plant with beautiful long lasting cut flowers. **Pkt. 35c.**

Jerusalem Cherry (Christmas)

A small plant whose scarlet and yellow fruit make it an attractive plant for the house. **Pkt. 25c.**

Kudzu Vine

PUERARIA THUNBERGIANA—Rank growing, hardy climber. This purple-flowered vine covers trellis and fence rapidly. **Pkt. 35c.**

Lathyrus (Perennial Sweet Peas)

WHITE PEARL—Fine for corsages. **Pkt. 20c.**

MIXED—Strong growing, hardy climber, easily started from seed. Fine for cutting, fence and bank cover. June thru Sept. **Pkt. 20c; oz. \$1.00.**

Lavender

VERA—Fragrant, blue-lavender flowers in July and August. The true perennial lavender. **Pkt. 25c.**

Liatris

SEPTEMBER GLORY—A giant 6' spike solidly covered with purple flowers from top to bottom. The flowers come into bloom all at the same time creating a marvellous effect. **Pkt. 25c.**

SCARIOSA ALBA—2½' spikes covered with white flowers from top to bottom. **Pkt. 25c.**

SPICIATA—Attractive 2' plants, with candle-like stems of rosy purple flowers. **Pkt. 25c.**

Lily

REGALE—Large, trumpet-shaped, sweet-scented flowers. Ivory white, tinged pink and purple, with yellow throat. Hardy. Sow in July. **Pkt. 20c.**

Linum (Flax)

BLUE FLAX—Graceful in rockeries and borders. Very fine way to add blue. 2'. **Pkt. 20c.**

Peruvian Lily (Alstromeria)

CHILENSIS MIXED—Gorgeous clusters of bright blossoms in pink and tones of rose or red, often with hint of orange, on long stems. Sow in late autumn or early winter in open beds; will germinate in the spring. If sown in the early spring, the seed should be chilled first. **Pkt. 25c.**

Lunaria (Money Plant)

HONESTY, bi—Silvery, translucent, oval seed pods, prized for winter bouquets. Will bloom the first year if sown early. Backgrounds. **Pkt. 20c.**

Lupin Polyphyllus

(POISONOUS PLANTS)

Treat seeds with nitrogen. Chill before planting.

RUSSELL'S STRAIGHT COLORS—1st time we offer Russell's lupin in separate colors: Brick red, yellow, pink with white, Marine blue with white, and carmine shades. **Pkt., each, 35c.**

RUSSELL'S BLUE SEAL—Mixed. **Pkt. 25c.**

Lychnis (Jerusalem Cross)

CHALCEDONICA—Easily grown, blooms first year with flaming scarlet flower heads, 3'. **Pkt. 20c.**

Blue Poppy (Meconopsis)

BETONICIFOLIA PRATENSE—An improved Himalayan Blue Poppy. Plant has 6 leafy stems 2-3' high, broad sea-green leaves; bearing freely, large four-petalled glorious sky-blue blooms with golden-yellow anthers. Partial shade. **Pkt. 35c.**

Monarda

MIXED—Does well in shady locations, excellent for cutting; attracts humming-birds. **Pkt. 25c.**

Nierembergia

PURPLE ROBE—Dwarf, compact, free flowering, deep violet purple color with needle-like foliage. Sun or half shade. For edgings or rockeries. Start indoors. **Pkt. 25c.**

Oenothera (Evening Primrose)

The big, silky yellow blossoms unfold at dusk, remaining open until well into the next day. Plant in the early fall for best results. **Pkt. 15c.**

Oriental Poppies

Produce splendid cut flowers; garden color.

OREGON SUPREME MIXED—From the finest named sorts. Splendid mixture. **Pkt. 25c.**

Poppies

ICELAND SINGLE MIXED—Pkt. 20c.

ALPINE CHOICE MIXED — Biennial — 6" high, midget poppy. Showy colors. **Pkt. 25c.**

Pentstemon

RAINBOW CHOICE MIXED—Gloxinia-like flowers on graceful 2' spikes. Half hardy, should be covered in winter. Marvelous colors. **Pkt. 20c.**

Hardy Phlox

BELTSVILLE BEAUTY—If autumn sown, will flower the following spring, and each spring following like the usual perennial form. The majority are quite large flowered with many stems of large umbels. To insure good germination, seed should be frozen before planting. Many gardeners freeze seed in an ice cube and plant cube. **Pkt. 40c.**

Pansies

Sow early inside or outside in March or sow on raised beds in August for spring plants. **Prices—Unless noted: Pkt. 25c.**

ARCADIA—Developed for winter and early spring; sturdy uniform, plants 6-7" tall, 3-3½" blooms. Brilliant range of pastel colors.

BUTTERFLY HYBRIDS—A rainbow collection, abundantly ruffled, frilled, fluted, and marked with sun rays and blotches of butterfly sheen metallic jewel tones. **Pkt. 50c.**

COLOR CARNIVAL—Swiss type, with a magnificent color range. Flowers are exceedingly large, plants compact yet vigorous, all blooms are blotched, giving a depth of color. **Mixed. Pkt. 35c.**

CORONATION GOLD—Clear yellow.

IMPROVED SEA BLUE—Best blue. **Pkt. 35c.**

JUMBO MADAM STEELE—Giant purple.

GORGEOUS RED—Velvety ruby red.

MOON MOTH—A beautiful white with the outstanding characteristics of Pay Dirt. Dark blue pencil markings radiate from center. **Pkt. 50c.**

PAY DIRT—The largest golden yellow ever produced. Blooms are golden yellow with dark ray, Resistant to summer heat. **Pkt. 50c.**

ROGGL'S GIANTS (Originator's Seed)—Excellent range of color. Giant flowers on long sturdy stems. Compact plant. Marvelous. **Pkt. 35c.**

MASTER MIXED (Englemann's Strain)—Fine mixture of the giant type pansies. **Pkt. 25c.**

JUMBO MIXED—Wonderful shades. Massive large flowers on strong stems. Contains many red and bronze shades. Early flowering. **Pkt. 35c.**

OREGON GIANTS MIXED—Early, in a good range of color, large flowers. Popular. **Pkt. 20c.**

Giant Winter Blooming Pansies

Unusually hardy, bloom early in spring. In mild winters, bloom throughout the cold months.

ICE PANSY (Hiemalis)—Mixed. **Pkt. 25c.**

Physalis (Chinese Lantern)

FRANCHETI—Largely grown for its vividly colored scarlet-red, lantern-shaped fruits which when cut and dried, are widely used for winter bouquets. Does well in sunny locations. **Pkt. 20c.**

Physostegia

SUMMER SNOW—White spikes on wand-like stems, excellent for borders and cutting. **Pkt. 35c.**

Platycodon (Balloon Flower)

Showy bell or star-shaped blue, white and light pink flowers on slender stems. One of the finest additions to the perennial garden. **Mixed. Pkt. 25c.**

Primrose, Hardy

GIANT POLYANTHUS—Large, thick round clusters of orange, purple and crimson flowers. Extra fine colossal strain. **Veris Mixed. Pkt. 35c.**

POLYANTHUS LUTEA—Yellow. **Pkt. 25c.**

AURICULA MIXED—6" tall. **Pkt. 25c.**

JAPONICA MIXED—Large clusters of bright colors. The individual flowers are large. **Pkt. 25c.**

ACAULIS MIXED—Numerous slender short stems with one medium-sized flower on each stem, forming masses of blooms which literally cover the plants in spring about April. **Pkt. 35c.**

Pyrethrum (Painted Daisy)

ROBINSON'S GIANT HYBRIDS—Large single daisy-like flowers. Very hardy and easy to grow. Bloom May and June. **Pkt. 25c.**

DOUBLE MIXED—Popular. **Pkt. 35c.**

Rock Garden Perennial

MIXED—Wonderful mixture made from choice rock garden perennials. Interesting. **Pkt. 25c.**

Ranunculus

MAMMOTH DOUBLE MIXED—Compact plants. Double and semi-double flowers. Attractive in border in early summer. Seed requires from 3 to 6 weeks to germinate and soil must not be permitted to dry out. **Pkt. 35c.**

Salvia (Azurea)

Long spikes of sky blue. Sun; 3'. **Pkt. 25c.**

Scabiosa (Caucasica)

HOUSE'S HYBRIDS—Excellent strain with large flowers in June to September. Lovely shades of dark blue to lavender on long stems. **Pkt. 25c.**

Sedums (Succulent)

DWARF HARDY—Good for rock garden, edging or terrace covering. Popular. **Pkt. 25c.**

Shasta Daisy

G. MARCONI (Re-selected)—Largest flowered and finest double strain. Long stemmed. **Pkt. 50c.**

GIANT DOUBLE WHITE—Diener's strain, like large shaggy asters. Extra long stems. **Pkt. 35c.**

ALASKA—The popular evergreen, with single glistening, white flowers often 5" across. **Pkt. 20c.**

Statice

CASPIA—Everlasting small lilac blooms on branched stems. 30". Useful for cutting. **Pkt. 25c.**

Stokesia

CYANEA BLUE—Fine cut flowers; 2'. **Pkt. 20c.**

Sweet William (Biennial)

INDIAN CARPET—5 or 6" high compact uniform plants. Gives carpet like effect from spring to summer. **Pkt. 25c.**

NEWPORT PINK—Salmon rose. **Pkt. 20c.**

DWARF DOUBLE MIXED—**Pkt. 25c.**

SCARLET BEAUTY—Large clusters of deep scarlet. Very popular. Single. **Pkt. 20c.**

MAMMOTH MIXED—Gigantic single flowers in a great range of color. **Pkt. 20c.**

DOUBLE MIXED—Selected. **Pkt. 20c.**

Sweet Rocket

MIXED—3' tall, fragrant. **Pkt. 15c.**

Thalictrum (Meadow Rue)

DIPTEROCARPUM—Lilac-mauve with yellow anthers. 4' tall. Decorative flowers. **Pkt. 25c.**

Tigrida

MIXED (Mexican Shell Flower)—Large triangular shaped flowers in bright colors. **Pkt. 25c.**

Torenia (Wishbone)

BLUE—Compact bushy plants 1' tall, blooms thru summer and fall. Blooms resemble snapdragons. Fine for beds, borders, pots, boxes, rockeries. Semi shade. **Pkt. 20c.**

Tunica

SAXIFRAGA—Tufted plant with light rose flowers. Used for rockeries or borders. **Pkt. 20c.**

Trollius (Globe Flower)

MIXED—The flowers are like large double buttercups of yellow and orange. Best to sow in fall as seed needs freezing to germinate. Seeds germinate very slowly and unevenly. **Pkt. 35c.**

Violets

ODORATA—The popular fragrant "English Violet." Pre-chill before planting. **Pkt. 35c.**

Tritoma (Red Hot Poker)

PFITZER'S HYBRIDS—Easily grown, 4' to 5' tall. Brilliant shades including red. **Pkt. 20c.**

SUPER MIXTURE—A good mixture. Some seed saved from named varieties. **Pkt. 25c.**

Viola Cornuta (Tufted Pansies)

JERSEY GEM—Violet blue. **Pkt. 20c.**

ARKWRIGHT RUBY—Ruby crimson. **Pkt. 20c.**

LUTEA SPLENDENS—Yellow. **Pkt. 20c.**

CHANTREYLAND—Apricot. **Pkt. 20c.**

TUFTED PANSIES MIXED—**Pkt. 15c.**

BLUE PERFECTION—Light blue. **Pkt. 20c.**

WHITE PERFECTION—**Pkt. 20c.**

JOHNNY-JUMP-UPS—Little "pansy" flowers, from late spring to late autumn. **Mixed. Pkt. 25c.**

Wallflower (Sweet-Scented)

Half hardy, blooming in the spring. Easily grown from seed. Nice cut flowers.

MAMMOTH DOUBLE MIXED—**Pkt. 20c.**

ROSE QUEEN—Dble. dwarf, lovely shade of rose pink. 1½' high. **Pkt. 25c.**

SIBERIAN—12", bright orange. **Pkt. 20c.**

PERENNIAL SINGLE MIXED—Hardy biennial with giant single flowers. **Pkt. 20c.**

Gloxinia Bulbs

We now can offer waxed gloxinia bulbs for indoor and greenhouse forcing. Proved to be popular. **Postpaid. Each 50c; 3 for \$1.35; doz. \$5.00.**

TIGRINA—Red edge, speckled red throat.

CRISPA METEOR—Brilliant scarlet-red with frilled edge. White back.

PRINCESS ELIZABETH—Deep velvet blue with white throat.

MOUNT BLANC—Pure white.

WATER LOO—Dark orange-red with lighter edge and throat.

Tigridia or Tiger Flower

Gorgeous colors, produced during the summer. Short lived blooms but very brilliant. Plant 2 to 3 inches deep and 6 to 8 inches apart. We offer in a fine color mixture. Blooming sized bulbs ready in February. **Bulbs in mixture only. Postpaid. 3 for 40c; doz. \$1.25; 100 for \$8.50.**

Tuberoses

Lovely, large flowers of thick wax-like texture on graceful, long, strong stems. Valuable in the garden, also for cut flowers. They have a rich fragrance. Plant after danger of frost, 2 inches deep to top of bulb in well drained soil and sunshine. The flower stems are about 16" tall and bloom in August and September. In sections of cold, freezing weather give winter protection. Available in February. Offered in double or single. **Postpaid. 3 for 65c; doz. \$2.00.**

Gloriosa Climbing Lily

Grows erect 2 to 3 feet tall. The end of each leaf has a tendrill which fastens to any support. Pendent lily-like flowers about 3 inches in diameter of brilliant yellow and red. As the flowers age they tend to reverse the petals. Store tubers in winter like Gladioli. Can be grown inside or outside. **Postpaid. Each \$1.00; 3 for \$2.75.**

Montbretias

We offer fine newer named varieties. Prices uniform unless noted. **Postpaid. 3 for 40c; doz. \$1.20; 100 for \$6.90. Not less than 6 of one variety at the dozen rate.**

NEWER MONTBRETIAS

COMET—Large orange, dark spots.

LADY OXFORD—Dark coral red, shaded maroon.

PRINCESS—Tomato-red.

QUEEN MARY—Apricot yellow, violet spots.

STAR OF THE EAST—Deep orange-yel. center.

WESTWICK—Orange and gold.

KATHLEEN—Orange suffused red.

LADY WILSON—Large, golden.

ROSEA—Rich rose pink.

NIKOLAS MAES—Reddish yellow.

LADY HAMILTON—Light orange and red.

NORWICH—Yellow.

VESUVIUS—The deepest red.

SIR MATHEW WILSON—Largest orange red. 3 for 45c; doz. \$1.50; 100 for \$11.00.

FINE MIXED—3 for 35c; doz. 95c; 100 for \$5.75.

High Grade Lawn Grass

WRITE FOR PRICE ON QUANTITIES. We supply grasses for golf courses and other large plantings, including landscape gardeners. We will gladly quote you. Special rates on any large quantities. All prices are subject to market changes.

We specialize in high-grade lawn grass seed. During the past few years, we have supplied lawn seed for some of the largest institutions in the Pacific Northwest. Whether it is a small lawn or a large one, we can supply the seed and we will be glad to quote you for large quantities either on mixtures or separate grasses. Many of the lawn grass mixtures on the market contain rye grass seed. We consider rye grasses too coarse and too rapid of growth to be included in mixtures and therefore omit them in our mixtures. We figure one pound to 300 square feet. Write for free bulletin on "Lawn Culture" by Ray W. Gill.

In Western Oregon, Washington and California September and October are ideal for sowing lawns. There is more moisture and annual weeds are killed by winter frosts. Be careful to plant early enough so that the roots will be established before hard frost might lift and break off the young roots. On Canadian orders add 15c per pound extra to the postpaid prices.

GILBRO SPECIAL—This super mixture is composed of the finest bladed grasses which are selected on account of their great endurance. It will make a soft velvety lawn of uniform texture and appearance. All varieties in this mixture tolerate acid soils, thus they respond rapidly with acid fertilizers which in turn reduce the weed menace. We have many reports from our customers, who are highly pleased with this mixture. It is adapted to shade or sun. It does not contain white clover unless requested. This mixture contains 20% creeping bent, making it necessary to ask the following prices: **Postpaid lb. \$1.50. Not Prepaid, 5 lbs. or more at \$1.25 per lb.; 10 lbs. or more at \$1.20 per lb.; 20 lbs. at \$1.15 per lb.; 50 lbs. at \$1.10 per lb.; 100 lbs. at \$1.00 per lb.**

PACIFIC COAST LAWN MIXTURE—Climate and soil condition have much to do with the selection of varieties in lawn mixtures. This mixture is especially adapted to locations along the Coast and west of the Cascade Mountain range. It contains varieties which will respond in soils which are somewhat acid due to heavy winter rains. It is a very good mixture made from high grade grasses. It does not contain any rye grasses. It makes a hardy, fine bladed turf well suited to the average soil. It does not contain white clover unless requested. **Postpaid, Lb. \$1.20. Not Prepaid, 5 lbs. or more at \$1.05 per lb.; 10 lbs. or more at \$1.00 per lb.; 20 lbs. at 95c per lb.; 100 lbs. at 90c per lb.**

SWEET SOIL LAWN MIXTURE—We are convinced of the advantage of having a high grade mixture of lawn grasses for soils that are sweet or rather alkaline. We offer here a good mixture of fine bladed grasses which will respond in this type of soil. We secure the best success if grass varieties are suited to the climate and soil. **Postpaid, Lb. \$1.50. Not prepaid, 5 lbs. or more at \$1.35 per lb.; 10 lbs. or more at \$1.30 per lb.; 25 lbs. or more at \$1.25 per lb.**

MERION BLUE GRASS—A grass with superior root system and a thick turf excelling in richer color than Kentucky Blue Grass. The turf spreads quickly and one pound to 500 square feet is sufficient. It holds a green color all summer and will stand more acidity than Kentucky Blue Grass. **Per 1/2 lb. \$1.50; lb. \$2.75. Postpaid. Not prepaid, 5 lbs. at \$2.50 per lb.; 10 lbs. at \$2.40.**

KENTUCKY BLUE GRASS AND WHITE CLOVER—Well proportioned mixture. **Postpaid, Lb. \$1.75. Not prepaid, 5 lbs. at \$1.65 lb.; 10 lbs. or more at \$1.55 lb.; 25 lbs. at \$1.50 lb.**

Lawn Seed for Landscape Gardeners

We supply landscape gardeners. Write for our quantity rates. Please advise your license number. Send for our current price list.

POA TRIVIALIS—Valuable lawn grass for shaded locations. In appearance it resembles Blue Grass. **Postpaid, Lb. \$1.60; Not prepaid, 5 lbs. at \$1.50 lb.; 10 lbs. at \$1.40 per lb.; 20 lbs. at \$1.30 per lb.**

RED CREEPING FESCUE—Rich, fine bladed foliage, making a splendid turf for shade or sun. Especially suited to sandy soils, banks, and terraces. One of our finest grasses. Fine lawns have been seeded with this alone that give splendid satisfaction. **Postpaid, Lb. \$1.10. Not prepaid, 5 lbs. at \$1.00 per lb.; 10 lbs. or more at 95c per lb.; 25 lbs. at 90c per lb.; 50 lbs. at 90c per lb.**

ASTORIA BENT (Blue Tag Grade)—A native acclimated sort grown in Oregon. Besides creeping on the surface of the soil it has jointed roots that creep under ground. It is the best bent grass for high, well-drained soils and is very resistant to drought. It is often found growing in almost pure sand. It makes a thick, close turf, with fine leaf blades. **Postpaid, Lb. \$1.75. Not prepaid, 5 lbs. or more at \$1.65 per lb.; 10 lbs. or more at \$1.60 lb.; 20 lbs. at \$1.55 per lb.; 50 lbs. at \$1.50 per lb.**

HIGHLAND BENT—Vigorous, quite drought resistant. Vigorous root creeping type. Slightly coarser foliage than Astoria Bent. **Postpaid, Lb. \$1.30. Not prepaid, 5 lbs. at \$1.15; 10 lbs. at \$1.10 per lb.; 20 lbs. at \$1.05 per lb.**

WHITE CLOVER—Often used for lawns. We offer a fancy grade of seed for this purpose. **Postpaid, Lb. \$1.65. Not prepaid, 5 lbs. at \$1.50 per lb.; 10 lbs. or more at \$1.45 per lb.**

KENTUCKY BLUE GRASS—Extra fancy grade. A splendid general purpose grass for lawns, with hardy growth and fine, close turf. It does best on sweet soil. **Postpaid, Lb. \$1.75. Not prepaid, 5 lbs. at \$1.65 per lb.; 10 lbs. or more at \$1.60 per lb.; 20 lbs. or more at \$1.55 per lb.; 50 lbs. at \$1.50 per lb.**

CHEWINGS FESCUE—Extensively used for lawns and golf courses. It makes a fine, close turf, very resistant to tramping. **Postpaid, Lb. \$1.10. Not prepaid, 5 lbs. at \$1.00 lb.; 10 lbs. or more at 95c lb.; 25 lbs. at 90c per lb.**

BIRDSFOOT TREFOIL (Corniculatus), Narrowleaf—Recommended as a ground covering for banks. It has a narrow green leaf with tiny yellow blossoms. One pound to 500 sq. ft. Use nitrogen treatment of seed. **Postpaid, Lb. \$2.00. Not prepaid, 5 lbs. or more at \$1.80.**

Plastic Mulch

KILL GARDEN WEEDS THIS SAFE, SURE, EASY WAY.

No Chemicals! No danger! Holds moisture!

Just lay this black, Polyethylene plastic film down between the rows in your garden and weight it down with a few clumps of garden soil. Acts as insulator on cold nights; keeps ground warmth from dissipating, thus promoting faster growth. Prevents soil-borne diseases, ground-spotting of fruits and pods. **Prices not prepaid: 12' by 100 ft. Wt. 1 lb. each \$2.50; 18' by 100 ft. Wt. 1 lb. 5 oz., each \$3.30; 40' by 100 ft., Wt. 2 lbs. 12 oz., ea. \$5.98.**

Garden Gloves

WASHABLE LEATHER GLOVES—Stay soft after washing. Ladies sizes, 7, 7 1/2 and 8. **Postpaid: \$1.85. Men's sizes, 9, 9 1/2, and 10. Postpaid: \$2.35.**

GIRL FRIDAY GLOVES—Rubberized with flannel lining. Sizes small, medium and large. **Postpaid: \$1.50.**

GREEN THUMB—Ladies' gloves. Dirt Repellent. Washable. **Postpaid \$1.10.**

SEED SMALL PART OF COST

Why prepare and cultivate a garden with the cheapest seed? A few cents additional in cost of seed may spell the difference between success and failure. Our vegetable seeds are very popular with market gardeners. Cheap seeds are usually dear at any cost. Yet, with all, our prices are reasonable and still maintain high quality.

VEGETABLE PLANTS

IMPORTANT NOTICE—We positively will not send any plants C.O.D. Payment on plant orders must accompany the order. For safe shipment we advise that vegetable and annual flower plant orders be limited to Oregon, Washington, Idaho, Wyoming, California, and Montana.

If you wish to order these plants beyond these states, please send double the prices listed. In this case mark your order for Air Mail and enclose the amount. We will refund any overpayment.

NOTE—Because there is often confusion in ordering and shipping plants we urge our customers to put the section number along with the variety. Within the states above mentioned add 10% to the prices listed on 5th zone.

Prices on all these plants are based upon one variety only. If your order is divided into more than one variety add 10% to the postpaid prices.

EARLY CABBAGE PLANTS—SEC. 1

These plants are grown in greenhouses in flats. Ready about March 1st to May 1st. **VARIETIES** are GOLDEN ACRE, EARLY JERSEY WAKE-FIELD and RED CABBAGE. **PRICES POSTPAID.** Doz. 60c; 3 doz. \$1.25; 100 @ \$3.00.

EARLY CAULIFLOWER—SECTION 2

Greenhouse Grown

EARLY SNOWBALL No. 16—They require rich soil. **PRICES POSTPAID:** Doz. 70c; 3 for \$1.55; 100 @ \$3.95.

SUMMER CABBAGE—SECTION 3

Well hardened field grown plants, available about May 20th to June 25th. These produce heads in summer and early fall. **VARIETIES** are EARLY GLORY, BONANZA, GLORY OF ENKHUIZEN, SEIDL BALLHEAD, RED CABBAGE and OREGON BALLHEAD. (Varieties listed in order of maturity.) **PRICES, POSTPAID:** Doz. 60c; 3 doz. \$1.25; 100 @ \$2.65. Not prepaid. 250 @ \$2.35; 500 @ \$3.50; 1000 @ \$6.50.

LATE CAULIFLOWER and BROCCOLI PLANTS—SECTION 7

Hardy field grown, ready July 1st to September 1st. **VARIETIES** are NOVEMBER-DECEMBER, ST. VALENTINE, APRIL, PURPLE CAULIFLOWER and GREEN BROCCOLI. **PRICES, POSTPAID.** Doz. 60c; 3 doz. \$1.40; 100 \$3.00. Not prepaid, 250 for \$2.95; 500 for \$3.85; 1000 @ \$6.75; 5000 @ \$6.50 per M.

LATE CABBAGE PLANTS—SEC. 4

Sturdy, well hardened field grown plants of our own growing. Ready July 1st to September 1st. **VARIETIES** are OREGON BALLHEAD, DANISH BALLHEAD, SEIDL BALLHEAD, RED CABBAGE and SAVOY. **PRICES POSTPAID:** Doz. 50c; 3 doz. \$1.20; 100 @ \$2.60. Not prepaid. 250 @ \$2.00; 500 @ \$3.00; 1000 @ \$5.00; 5000 @ \$4.80 per M.

KALE PLANTS—SECTION 6

Hardy plants, ready July 1st to September 1st. **EDIBLE VARIETIES:** TALL GREEN SCOTCH CURLED, DWARF BLUE GREEN CURLED and GEORGIA COLLARDS. **FEEDING KALE:** JERSEY KALE. Valuable for poultry and livestock. Prices Section 6 are same as Section 4.

BROSSELS SPROUTS—SECTION 5

Hardy plants, ready July 1st to September 1st. **PRICES, same as Sec. 7, Late Cauliflower.**

TOMATO PLANTS—SECTION 8

These are grown in flats in greenhouses or in frames. Ready about May 1st to June 20th. **VARIETIES** are ALL PURPOSE, PEPPER TOMATO, WASATCH BEAUTY, JUBILEE, OREGON CENTENNIAL, STOKES CROSS NO. 1, COLORADO SPECIAL, SEATTLE BEST OF ALL, VICTOR, VALIANT, PORTER and PEAR (Yellow and Red). **PRICES ARE POSTPAID:** Doz. 80c; 3 doz. \$2.00; 100 for \$5.00.

PEPPER PLANTS—SECTION 9

Grown in greenhouses. May 1st to June 15th. **VARIETIES** are CALIFORNIA WONDER, VINEDALE and RED CAYENNE. **PRICES POSTPAID:** Doz. 80c; 3 doz. \$2.20; 100 for \$5.00.

CELERY PLANTS—SECTION 10

GREENHOUSE PLANTS—Ready about March 25th. Grown in flats. UTAH JUMBO (Green Celery). **LATE CROP PLANTS**—Ready about June 20th. Grown in field beds. Same variety as above. **PRICES FOR BOTH, POSTPAID:** Doz. 65c; 3 doz. \$1.50; 100 @ \$4.00.

CAULICAB—SECTION 11

Ready June 25th to September 1st. **POSTPAID.** Doz. 65c; 3 doz. \$1.50; 100 @ \$3.50.

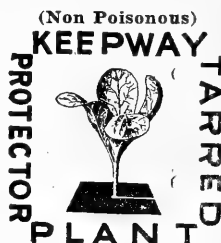
CARNATION PLANTS

GIANT FLOWERING MIXED—Spring grown plants. Ready April 20th to June 15th. **Postpaid.** Doz. 95c; 3 doz. \$2.25.

MARIGOLD PLANTS

NEVER BEFORE — MIXED SHADES, ORANGE SHADES, YELLOW SHADES and NEW ANEMONE. Ready May 1st to June 20th. **Postpaid.** Doz. \$1.00; 3 doz. \$2.50; 100 for \$5.00.

Tarred Plant Protectors



Protection from Root Maggots on Cabbage, Cauliflower, Broccoli, Brussels Sprouts, etc. Apply when setting out plants. Rains or cultivations do not destroy effectiveness. Protection last until plant maturity. Prices postpaid to 4th zone and beyond see page 48. Package of 24 for 25c; 72 for 60c; 500 for \$2.35; 1000 for \$4.00. Write for prices on quantities.

Begonia Bulbs

Start in pots inside, February to April. We offer good sized well grown bulbs. Cultural directions sent with each order. Ready in February. The dozen rate only applies to 6 or more of one color or kind. Prices, unless noted, postpaid. Each 40c; 3 of one kind at \$1.00; doz. \$3.50.

MULTIFLORA GIGANTEA—Produces many medium size blooms. Ideal for potting and bedding. Offered in yellow, deep red, copper, salmon.

DOUBLE CAMELLIA—(Ballerina strain)—Giant double flowers, frilled and fringed on the outer edges. Offered in white, pink, rose, yellow, dark red, dark salmon, and flame orange.

FIMBRIATA or CARNATION—Large double flowers resembling a carnation in form. Petals are frilled and have serrated edges. Offered in yellow, pink, orange, white and red.

ROSEFORM DOUBLE CAMELLIA—Petals are smooth and long, with distinct rose form center. Red, yellow, pink, apricot and white.

CRISPA—A single frilled-type. Mixed.

HANGING BASKET—Double, of medium size, loaded with blooms. Offered in white, yellow, pink, rose, salmon and red.

PICOTEE—Ruffled double blossom with edges of petals a contrasting color. White, pink edge; white, red edge; salmon, scarlet edge.

GIFT CERTIFICATES

These certificates are available in any amount desired for orders on merchandise listed in this catalog. When used for gifts they are very satisfactory since the recipient can select their choice of items. Send us the amount you wish and we will mail the gift certificate promptly.

SELECT GLADIOLUS

We may substitute, when necessary, and we always give equal or higher value when we do so. (If you do not want us to substitute, please state this on your order.)

Gladiolus bulbs should be planted 4 inches deep in good rich soil. Planting time March 1 to June 15th. Our bulletin on culture sent upon request and copy included with each order.

All-American Gladiolus

Prices: Postpaid. Each 35c; 3 for \$1.00; doz. \$3.45 These are all patented varieties.

CHINA BLUE ('61)—Large, ruffled, soft blue.

GYPSY DANCER ('61)—Ruffled, fiery orange.

JOYOUS—Ruffled velvety deep rose, large ruffled florets, 4½", 20 buds.

SPARKLER—Gay, happy blending yellow and bright red, very ruffled.

EMPEROR—Royal purple, light throat. Robust, majestic tall spikes.

APPLEBLOSSOM—Snowy white, cream in throat, rose-pink at edge. 8-10 about 5" across.

MAYTIME—Ruffled pure pink, large white throats; silky taffeta sheen. Opens 8-10, 5½ ft.

ROYAL STEWART—Lightly ruffled, 5" across, clear red, open 12 florets.

LANDMARK—Ruffled cream. Opens 10-14.

RUSTY ('61)—Giant rich red, smoky with silver picotee edge on petals.

New and Standard Varieties

PRICES, unless noted (where prices not listed): Postpaid. Each 15c; 3 for 40c; doz. \$1.45 (one variety only). 6 of one kind at dozen rate. If more than one variety is used on 6 bulb order, the higher price will be used. We supply large healthy bulbs, a few 1¼", mostly 1½" in diameter.

ABIQUA (New)—Delicate silvery, smoky rose-pink. Very heavily fluted. Each \$1.50.

ACE OF SPADES—Black-red sheen, opens 6.

AMBER GLORY—Amber yellow, strawberry throat, opens 6-7.

BLUE PACIFIC (New)—Crystal-clear, new blue with rose-red throat. Each \$1.50.

BADGER ROSE—Deep rose, light throat flecked red and white. Each 20c; doz. \$2.00.

BROWN LULLEBY—Velvet mahogany brown, silver line at edge. Each 25c; doz. \$2.50.

BURMA—Huge ruffled old rose. Popular.

CHARTREUSE—Clear light yellow-green. Each 25c; doz. \$2.50.

DIXIE JEWEL—Deep pink, cream center.

ECHO (New)—Balloon or satellite staying during blooming period. Salmon pink, orange throat. Each \$1.50.

FLORENCE NIGHTINGALE—Best white.

FRIENDSHIP—Early pink, best for cutting.

GREEN ICE (New)—Green buds opening ruffled greenish cream. Best green. Each 40c; doz. \$4.00.

GREENLIGHT—Ruffled greenish white.

GREEN WOODPECKER—Greenish-lime, deeper falls, wine red throat. Each 45c; doz. \$4.50.

GOLD BANK (New)—Chartreuse yellow, ruffled and needlepointed. Each 20c; doz. \$2.00.

GUNSMOKE (New)—Ruffled salmon, smoky, cream lip. Each 25c; doz. \$2.50.

ORCHID FRILLS—Light orchid, soft cream throat. Each 20c; 3 for 50c; doz. \$1.75.

PINK PARASOL (New)—Waxy, ruffled, warm pink, soft cream throat. Each 50c; doz. \$5.00.

PINK PERFECTION—Beautiful true pink, red blotch. Each 20c; 3 for 55c; doz. \$2.00.

PRINCESS ASTRID—Cattleya orchid.

RED CHARM—Medium dark red.

RED RADIANCE—Brilliant clear bright red. Opens 8-10 florets.

REGINA—Huge light orange, apricot shadings; ruffled, needlepointed, heavy substance. Opens 7-8.

RIM ROCK—New, beautiful smokey rose, white throat. Very popular. Each 45c; doz. \$4.50.

RUFFLED EBONY—Silken black red; ruffled.

SIERRA SNOW—Huge new white, Mid-season.

SPIC AND SPAN—Large ruffled deep pink.

SAHARA SUN—(Jhem) Clear apricot, blushes of fluorescent pink; 8-9 large florets, tall wiry stems. Won highest award at Mass. Test Garden. Exclusively introduced by us. Ea. 50c; doz. \$5.

THE RAJAH—Rich deep purple. Show winner.

TRAVELOR—Deeply ruffled light pink. Each 20c; doz. \$2.00.

TRUE LOVE—Large ruffled, clear shell pink.

WILD ROSE—Opens 7-8 florets, ruffled rose with cream throat, tall. Wonderful.

UHU—One of the best rose smokies.

New Butterfly Gladiolus

We bring you outstanding varieties of the new butterfly type; becoming great favorites because of their bold coloring, accentuated by unusual throats and blotch markings. Florets are of extraordinary texture and fine substance, consistently opening 6-8 florets on long bud spikes. In your garden you can appreciate their beauty. Unless noted prices are Ea. 20c; 3 for 50c; doz. \$1.75.

ATTICA—Ruffled, rosy-pink, yellow throat.

DONALD DUCK—Cream, bold red blotch.

ELF—Apricot scarlet throat, yellow blotch.

FROU FROU—Soft violet pink, white lines. Each 25c; doz. \$2.50.

HAPPY—Scarlet light center.

GYPSY LOVE—Very striking, popular, brown-toned orange, vivid tangerine blotch. Late.

ICE FOLLIES—Ruffled white. Late.

LITTLE DIAMOND—Exotic. Apricot-salmon, flushed orange, brownish-red throat. Each 35c.

SUMMER FAIRY—Salmon-red, deeper at tips, reddish maroon. Each 30c; doz. \$3.00.

QUEEN'S PAGE—Creamy yellow with orange red blotch. Early. Each 45c; doz. \$4.50.

TOPOLINO (New)—Exciting ruffled yellow, orange scarlet throat. Each 25c; doz. \$2.50.

Miniature Type Gladiolus

These "tiny tots" are especially fine for flower arrangement including corsages. Beautiful colors make them attractive for florists. Prices, unless noted: 3 for 45c; doz. \$1.25.

ALOUETTE—Heavily ruffled, wrinkled orchid on cream base. Each 25c; doz. \$2.50.

ATOMI—Brilliant scarlet, silver edge.

ATHENA (Orchid)—Rose lavender. Each 25c.

BAMBI—Beautiful tawny chartreuse orange-red throat. Each 40c; 3 for \$1.00; doz. \$3.75.

BREAD & BUTTER—New '60. Exquisitely beautiful white; golden yellow throat, opens 6 heavily ruffled florets. Each 80c; 3 for \$2.25.

BROWN ORCHID—Really brown, white edges. Each 25c; 3 for 60c; doz. \$1.95.

DAINTINESS—Ruffled white. Very outstanding. Early. Each 25c; doz. \$2.50.

DAINTY MISS—Light pink, cream throat.

FALINE—Charming, ruffled light yellow, deepening in throat. Late. Each 20c; doz. \$2.00.

HENNA (New)—Chocolate-brown with Chinese red tips on petals. Each \$1.00.

LEILANI—New '60. Lovely light rose cream white center. Daintily frilled, opens 6-7. Each 40c; doz. \$4.00.

LITTLE SWEETHEART—Ruffled soft pink.

PELLETIER D'OISY—Plain-petalled recurved chartreuse flower with red throat, pepperings of red on lips. A "natural" for exotic arrangements. Early. Each 25c; 3 for 60c; doz. \$1.95.

POLLYANNA—Apricot-buff, yellow throat. Very early. Each 40c; doz. \$4.00.

STATUETTE—Ruffled fluorescence, yellow. Faint pencilling of lavender in throat. Early.

TAMMIE—Ruffled pink shading to salmon, yellow throat. Each 25c; doz. \$2.50.

MINIATURE MIXED—Excellent. Doz. \$1.00.

GLADIOLUS IN MIXTURES

GILL'S FANCY MIXED—A mixture from named sorts containing more varieties than any mixture we offer. The names are not attached to the bulbs and the varieties are our own selection. Large bulbs. (1½" or more in diameter). Postpaid. 3 for 40c; doz. \$1.35; 50 for \$4.25; 100 for \$8.00.

Colchicum (Autumn Crocus)

The "Mystery Bulb." Flowers bloom a few weeks after planting, without foliage. They will bloom on a shelf or table without water or soil. Flowers shaped somewhat like crocus but larger. They bloom early in the fall. You may order previous to that time and we will hold it for delivery in August. **Prices postpaid. For 4th zone and beyond add 15% extra to listed prices.**

ALBUM—Large pure white. Each 40c; 3 for \$1.00; doz. \$3.50.

AUTUMNALE—Large, pale lavender. Each 35c; 3 for 90c; doz. \$3.25.

AUTUMNALE MAJOR—Very large flowers; Lilac pink. Each 40c; 3 for \$1.00; doz. \$4.00.

PURPLE GIANT—Soft violet purple color. Each 45c; 3 for \$1.25; doz. \$4.50.

Hardy Freesias

Bulbs of this fragrant flower are available the end of February. Pot them like Amaryllis, if in climate where ground freezes. Take outdoors in summer. Planting depth 2" below soil. **10 bulbs to a package for \$1.00. Postpaid.**

Calla Lilies

Hardy outdoor along the Coast of Oregon, Washington and milder sections of California. Plant 4 inches deep and 2 feet apart. Available October to April. Can be started inside and planted outside in May. If planted in the Fall, they should be protected with mulch. Large White Calla. May be bulbs or plants.

LARGE WHITE CALLA—Strong, vigorous grower with flower stems 3 to 5 feet high. Each 65c; 3 for \$1.60; doz. \$6.00. For 5th zone and beyond add 10% to these prices.

YELLOW CALLA—Bright golden yellow, foliage deep green, spotted white. Plant 1 to 2 inches deep. Each 50c; 3 for \$1.25; doz. \$4.50.

PINK CALLA—Medium sized flowers of soft rose pink shading to cerise when fully open. Height 10". Each 50c; 3 for \$1.40; doz. \$4.75.

BLACK CALLA (Arum Pictum)—The odorless black calla. Each 80c; 3 for \$2.25; doz. \$7.75.

ALBA MACULATA—Dwarf white flower with red markings and blotches in the throat. Quite rare. Each 75c; 3 for \$1.80; doz. \$6.75.

Birds of Paradise

STRELITZIA Reginae—The small bush type with orange and blue hued blossoms. Ideal for indoor planter boxes. Plants in foil package, contain growing instructions. **Exceptional value for \$1.75 each; 3 for \$4.50. Postpaid.**

STRELITZIA REGINAE SEED at 50c for 5.

PERENNIAL DAY LILY COLLECTION

6 named Day Lilies in good color range with listed value of \$3.00. Our selection of varieties, each different, for \$2.25 postpaid.

UNUSUAL BULBS AND PLANTS

If you study this catalog you will find many unusual seeds, plants and bulbs. Try some of these and surprise your neighbors.

Cannas

Valuable for foliage and their large brilliant flowers. Root division may be started in pots and transplanted about May 15 to June 15, depending upon location and seasons. Place about 2 feet apart in rows and 4 feet between rows.

Prices Postpaid—Root divisions ready March and April. Each 40c; 3 for 95c; doz. \$3.25.

CITY OF PORTLAND—Compact dwarf growth. Green leaves, rosy pink flowers.

COPPER GIANT—Large flowers and clusters of deep pink with copper cast. Deep green foliage.

KING HUMBERT—Large orange scarlet flower with deep bronze foliage; 3 ft. tall.

ROSEMOND COLES—Large red flowers with broad petals. Back side of petals reddish copper. Free bloomer with large clusters. 3 ft. tall.

THE PRESIDENT—Immense bright red flowers in large clusters. 3½ ft. tall. Green foliage.

EUREKA—White, medium height, green foliage.

YELLOW KING HUMBERT—Tall green foliage, yellow flowers, spotted red.

Grand Opera Series of Cannas

Prices unless noted: Postpaid. Each 50c; 3 for \$1.25; doz. \$4.75.

AIDA—New salmon pink. Green foliage. Low growing.

LA BOHEME—New pastel pink. Green foliage. Low growing.

LA TRAVIATA—New clear rose pink. Green foliage. Low growing.

MME. BUTTERFLY—New light pink. Green foliage. Low growing.

RIGOLETTO—New canary yellow. Green foliage. Low growing.

NEW PFITZER HYBRIDS—Very dwarf growers. Extremely large flowers. Green foliage. Each \$1.00; 3 for \$2.75; doz. \$9.50.

PFITZERS CHINESE CORAL—Striking amber and pink.

PFITZERS PINK—Beautiful salmon pink.

Bearded Iris Collection

NOTE—See our Fall Catalog for Bearded Iris. We have nearly 200 varieties. Complete list available.

RAINBOW COLLECTION—12 varieties, our selection, labeled with names, worth \$3.50 at catalog prices, sent Postpaid for \$2.50.

SUPER COLLECTION—12 varieties, our selection, labeled with names, worth \$7.50 at catalog prices, sent Postpaid for \$3.95.

BROADLEAF WEBSTER COMFREY—We offer plants of this high protein food. This is claimed to be an excellent supplement for feeding livestock, and valuable for human consumption. This plant has been used for centuries for medicinal purposes, and is now used for many purposes. It is an addition to carrot juice, green salads, and can be used like spinach (do not cook too long—just until well wilted). Ask for more complete information. We can furnish root cuttings. **Write for quantity prices. Prices Postpaid. Plants, each 70c; 3 for \$1.75.**

Liquinox

The All Purpose Blue Ribbon Fertilizer. **LIQUINOX** is a modern fertilizer—clean, odorless and effective. Ideal for use on plants, shrubs, flowers, vegetables and lawns. Comes in two types. **LIQUINOX 10-10-5** (Black Label) for promoting good plant growth. **LIQUINOX 0-10-10** (Red Label) for use after buds appear, to promote good bloom. **PRICES: Not Postpaid. Pt. 85c** (packed wt. 3 lbs.); **Qt. \$1.50** (Packed wt. 4½ lbs.); **Gal. \$3.95** (Packed wt. 13½ lbs.).

AMERICAN VEGETABLE GROWER MAGAZINE

Through an arrangement with the publishers of **AMERICAN VEGETABLE GROWER** magazine we are able to offer our customers subscriptions to **AMERICAN VEGETABLE GROWER**. Please use the enclosed coupon.

GILL'S RELIABLE DAHLIAS

Dahlias show the approach of summer when starting to bloom, filling in the period when flowers are not at best. The fall frost determines the length of blooming period.

Dahlia orders will be filled during March (if weather permits), through April and May, but may be sent anytime for booking, and will be filled in the rotation received. No dahlia orders will be filled after June 1st, except collections, which will be sent up to June 15th. All Dahlia prices postpaid. The rate for a dozen of one kind is 10 times the single rate. Six of one kind at the dozen rate.

We publish a bulletin telling how to care for dahlias. This is sent free to all if requested and a copy is included with each order of bulbs. See dahlia collection below.

When you receive your dahlia tubers open them very carefully so that the eyes on the tubers will not be injured. Keep them in a cool place, away from frost, until ready to plant. The dahlia tubers we offer are mostly grown in Oregon. If (Cover) mentioned, this refers to front cover.

CACTUS DAHLIAS

The true cactus type flowers are fully double, petals long, narrow or twisted, with sharp, divided or fluted points. Incurved marked (I).

BERTHA SHONE—(I). 10" giant lacy lavender shading to a white center. Tips lacinated. Ea. \$1.10.

CARNIVAL—6" cut flower, bright red tipped in gold. Very striking. Each \$1.00.

GOOD EARTH—10" pure pink, distinct white center. Long wire-like stems. Each 75c.

MME. DE BRUXELLES—5" bright lemon yellow petal edge cherry red. Each \$1.00.

ORFEO—Early, 6" purple, cutting. Each 75c.

JUANITA—5", dark reddish purple. Ea. \$1.00.

SILVER WEDDING (New)—(I). 10", white. Medium to tall bush. Choice. Each \$1.00.

TELEVISION—6", spider, bright flame red with yellow at base. Each \$1.15.

VAL ST. LAMBERT—6" bicolor blend of white to rich rose tips. Petals lacinated. Each 90c.

WAGSCHALS' GOLDKRONE—8" rich golden deeper center. Striking. Each \$1.25.

WHITE FAVORITE (Cover)—5" pure white cutflower. Very prolific. Each 75c.

SEMI-CACTUS DAHLIAS

Semi-Cactus or Hybrid Cactus type flowers are fully double but the petals are shorter than those of the true Cactus type and are broader and more flat, though sometimes recurved and twisted. The stems of this type are usually strong and the plant prolific bloomers.

APPLEBLOSSOM—5" pink, lighter center. Select variety for cutting. Each 85c.

BLACK NARCISSUS—6-8" clefted petals. Sensational rich, black-red. Each \$1.50.

DELICATE BEAUTY—Medium bloom. Soft lavender, shaded purple. Each 90c.

FLASHLIGHT—4" to 5". Sulphur yellow, long stems. Cutflowers. Each 75c.

FRESCO—10" lacinated vivid pink. Ea. \$1.25.

GOLDEN HEART (Cover)—8", rich scarlet-orange, center golden yellow. Each \$1.25.

GOLDEN NICKY-K (Joey K)—Old gold. Very popular for cutting, long stems. Each \$1.00.

HOLLYWOOD STAR—10" giant deep orchid, with heavy purple overlay. Each \$1.00.

PRIG (Cover)—5", red, gold tips. Each 75c.

RIVOLI (Cover)—5", yellow. Each 75c.

SATAN—10", red, lighter at center. Each 75c.

SHEIK—5", clear pink, with handsome white center; good keeper on nice stems. Each 75c.

THE CARDINAL—10", dazzling red on fine bush, excellent keeper. Each 75c.

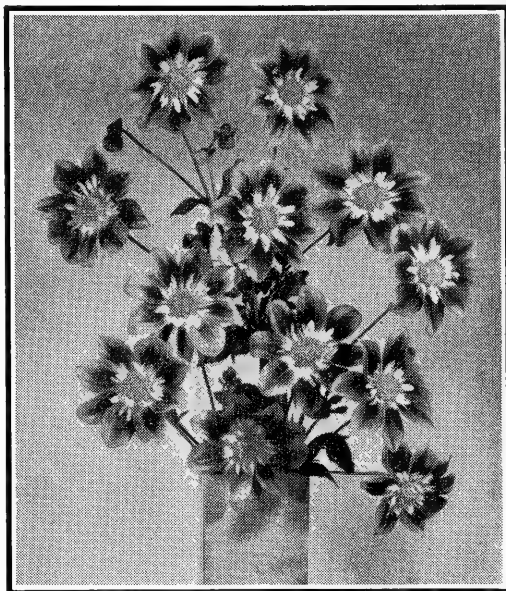
VICTORY MAID—Medium red, tipped white. Beautiful bi-color. Excellent stems. Each 85c.

BALL DAHLIAS

A. D. LIVONI—Best; clear, rich pink; profuse bloomer; fine stems. Each 65c.

JEAN KERR—Popular white. Each 65c.

ROSY DAWN—Light blend of rose-red and yellow. Fine cut flower. Each 65c.



Collarette, Geering's Elite, Page 44.

Miniature Dahlias

They are free flowering; and show their faces on good stems, keeping well in bouquets. These fascinating and dainty dahlias are rapidly growing in favor for they are more adaptable to home decoration than the large flowered types and are not so formal as the pompons.

ANIMATO—(C.)—Delicate shell pink, ideal cut flower. Low bush. Each 90c.

ANNA MARIE (Waterlily) (New)—Orange. Each 75c.

AREBESKE—(C.)—3", lemon yellow, cut flower, low bush. Each 80c.

BARBARA LOWRY—(C.)—3-4", creamy yellow, tipped bright cerise; popular. Each 75c.

CHA-CHA-CHA (Waterlily) (New)—Dark red, velvet sheen, nice stems. Each \$1.00.

CHEERIO—(C.)—3-4", soft purple, silver tips. Very choice cut flower. Each \$1.00.

DORIS DAY—4", deep crimson red, 4 ft. bush; ideal for cutting. Each \$1.10.

GERRIE HOECK (Waterlily)—Light rose, long lasting cut flower, free bloomer. Each 65c.

GLORY OF HEMSTEDE (Waterlily)—4", soft primrose yellow, long lasting cut flower. Each 65c.

GIRAFFE (Orchid Type) (New)—Unusual light bronze, striped light brown. Each 85c.

IKE (FD)—3" blood red, cutting. Each 65c.

LILAC SUPERBA—4", lilac to white. Ea. 95c.

LOMBAERT'S VIOLET—(C.)—4", violet, fine stems, nice for cutting; a garden show. Each 75c.

MARY RICHARDS (Waterlily)—4", delicate orchid and white cutflower. Each 80c.

PURITY—(SC)—4", white, fine stems. Ea. 75c.

Home Garden Dahlia Collection No. 25

Large flowering types, in our selection of 4 varieties. Each collection will contain one each of Cactus, Semi-Cactus, Formal Decorative and one Informal type. These are worth \$3.00 at regular prices, for \$2.50 Postpaid.

Collarette Dahlias

Collarette types are striking and eye-catching; especially noticed at dahlia shows; early, graceful, easy to arrange, fine keepers, free flowering, on very good bushes.

CHERUBINO—(Cover)—Pure white, white collar. Each 65c.

CLAIRE DE LUNE—(Cover)—3", light sulphur yellow with yellow collar. Each 65c.

COTTON TAIL—4", black-red, pure white collar. Prolific, fine stems. Each 75c.

COUNTRY GIRL—Giant brick red, yellow collar. Tall. Very showy, and striking. Each 65c.

FLORISANT—4", fluorescent fuchsia, with pure white collar. 4' tall. Each 75c.

GEERING'S ELITE—3-4", lovely mahogany with gold tips and collar. Each 75c.

LA GIACONDA—(Cover)—3" china red with contrasting bright yellow collar. 4' tall. Each 75c.

LADY FRIEND—Only true pink. Each \$1.00.

MRS. H. BROWN—Scarlet orange, yellow tip on petals, clear yellow collar, 5' tall. Each 65c.

NEEDLES—White, speckles of wine. Ea. \$1.00.

ROCOCCO—4", delicate lavender purple with orchid pink collar. 4' tall. Each 90c.

BABY DAHLIAS—These charming little single dahlias grow only 6 to 8 inches high and bloom throughout the summer. Keep from frost and leave in pot until ready to plant. Do not plant outdoors until danger of night frost is over. They require a sunny position and moderate watering. We can furnish them in red, white, pink, orange and yellow. Each 55c, 3 for \$1.50; doz. \$5.25.

Formal Decorative Dahlias

This type has large double flowers, full to the centers. Broad, flat petals with broad points or rounded tips. They usually have long stems and bloom freely.

ARTHUR GODFREY—12" blooms of Orient red with buff shading. 4 ft. bush. Each 75c.

CROYDON'S MASTERPIECE—12", giant, (without disbudbing), Majolica orange, lightly suffused jasper red. Outstanding. Each \$1.25.

DEEP VELVET—10", black-red aristocrat with velvet sheen. Massive bush. Each 95c.

FIRST LADY—8", artistic ball-like form. Canary yellow. Outstanding. Each \$1.25.

HUMORIST—6", light fuchsia-red, white tip. Petals reverse, forming a ball type. Each 80c.

JERSEY'S BEAUTY—A superior cut flower on long, erect stems. Beautiful rose-pink. Ea. 65c.

KELVIN—12", blending pink and old rose; low bush with huge palmlike leaves. Each 75c.

THUNDERBOLT—8", deep fuchsia, deeper center. Outstanding cut flower and stems. Ea. 75c.

XANTINE—10", rich canary yellow, good stems and bush habit. Each 90c.

Informal Decorative Dahlias

They lack uniformity of the formal decoratives, the petals are more expanded. Many have longer petals often more loosely arranged. The plants grow vigorously and have very large flowers, usually on long erect stems. In some varieties the petals are somewhat twisted.

CONFUSIOUS—12", shaggy giant oriental red on massive bush. Wonderful. Each 75c.

QUINN'S TIDAL WAVE—12", giant pure yellow, low bush, sturdy stems. Each \$1.00.

SAHARA (New)—Best 10". Rich rust red, gold edging and reverse on ideal bush. Ideal keeper, exhibition, vigorous. Each \$1.00.

SYDNEY—10", giant deep rose pink, tint of gold, nice stems and bush. Each 70c.

SHERWOOD PEACH—12", giant buff and gold, strong vitality. Outstanding. Each 75c.

TARTAN—Gorgeous bi-color of almost black, white tips, wonderful stems. Each \$1.00.

WHITEHALL—10", pure white, turns semi-cactus, late in season. Fine sturdy bush. Ea. 90c.

Pompon Dahlias

Pretty compact, ball shaped flowers on long, stiff stems. These flowers are good keepers. No garden should be without Pompons. They are different and dainty.

Prices are all postpaid. Each 45c.

ANNA CHRISTINA—A good clear gold.

BAMBI—Honey gold with tiny wine tips.

BANTAM—Soft coral orange.

BETTY ANN—Clear pink on ideal stems.

BETTY MALONE—White petals tipped purple.

HAZEL DELL—Lavender cerise, deeper center.

JOE FETTE—Small perfect white flower.

KASASAGI—Yellow, blush of red on tip.

KASUGA—Nicest new red, wiry stems.

LITTLE DIRK—Dainty pure pink.

MARY MUNN'S—Fuchsia to deep purple.

ORCHID GEM—Rich orchid rose, white base.

PIPES NOIR—Velvety black red, best stems.

YELLOW BOY—Soft canary yellow.

TIP TOP—Rich raspberry red. Fine to cut.

REGULUS—Little, rich wine purple.

Rhubarb

Rhubarb can be planted in October and November, depending upon your locality. We offer good, strong divisions with good eyes to start the crowns. For quantities write for prices. Ready for shipment about October 20th. Do not pull any stems the first year after planting. Do not fertilize heavily the first year. Space 2½ feet apart in the rows and 6 feet between rows. If planting is deferred until spring set them out when received or plant in moist sand and plant out soon. If root divisions are planted in soil that is too dry they may fail to grow. Plant before May 1st. On rhubarb prices add 15% for Zone 4 and beyond.

CHIPMAN'S CANADA RED

This variety has very red interior in the stems and similar to Valentine. The exterior of the stems are bright crimson. The interior is really red throughout the whole length of the stem. Not a faint pink but a real red. Sweeter than most varieties and the best flavor of any variety we have tried. Each \$1.00; 3 for \$2.85; doz. \$10.00. Postpaid.

VALENTINE (Newer Rhubarb)

This new variety is very large and of fine quality and color. Largest of the new "all-red" varieties. Color an even, deep bright red. Texture: smooth and tender. Flavor: pleasing with slightly tart after taste. Valentine has the richest color, good flavor, the largest stalks, and the fewest seed stalks. Each \$1.00; 3 for \$2.85; doz. \$10.00. Postpaid.

Perennial Aster Collection

6 Hardy Asters, named varieties, in good color range, with catalog value of \$4.50 for \$3.75 postpaid, our selection of varieties, each one different.

Marbleized Plastic Pots

PLASTIC FLOWER POTS—Postpaid; 4th zone and beyond extra postage.
2½" (1000-carton, wt. 38 lbs.)—

3½" reg. or violet pots (320 carton, wt. 26 lbs.)—

4" reg. or violet pots (260 carton, wt. 40 lbs.)—

5½" (90 carton, wt. 20 lbs.)—

6" (100 carton, wt. 25 lbs.)—

6½" Azalea or Fern Pot (60 carton, wt. 12 lbs.)—

2.45 doz. 100 for \$15.80

\$2.55 doz. 100 for \$16.50

SPECIAL OFFER

Ortho Rose Dust

Effective fungicide and insecticide. Can be used as a dust or wettable powder.

10 oz. Plastic Squeeze Duster

1 lb. Refill. Value \$2.98

Sent Postpaid to 4th Zone for \$1.90

(You save \$1.08)

Offered subject to stocks being unsold.

FOR SPRAYING OR DUSTING, ETC.

Ortho Products

"Not prepaid," check zone map and schedule, page 48; on postpaid prices send extra for 4th zone and beyond (on $\frac{1}{4}$ lbs., no extra postage).

ORTHOCIDE (Garden Fungicide)—Contains 50% Captan. Postpaid, 1 lb. \$2.50.

BOTANO DELUXE—It contains approved lindane. A good control for a wide variety of sucking and chewing insects, also Powdery Mildew, Black Spot and Rust. It also controls various worms and weevils. Effective against earwigs, also lawn moths. Postpaid, 10 oz. plastic squeeze gun \$1.65. Not Prepaid, 1 lb. refill, \$1.40; 5 lb. refill, \$4.00.

ISOTOX GARDEN SPRAY—Lindane insecticide. Effective general foliage spray against Aphids, Thrips, Beetles. Protects Roses, Camellias, shrubs and flowers against many chewing and sucking insects. Controls wireworms and other soil pests. Kills Earwigs, Lawn Moth (Sod Webworm), Flies. (Glass Bottles). Postpaid 4 oz. \$1.40. Not Prepaid 8 oz. (packed wt. $1\frac{1}{4}$ lbs.) \$2.00; 1 pt. (packed wt. $2\frac{1}{4}$ lbs.) \$3.00; 1 qt. (packed wt. $3\frac{1}{2}$ lbs.) \$5.50.

ORTHORIX SPRAY—Postpaid, 8 oz. \$1.00 (packed wt. 2 lbs.) Not Prepaid, Pts. \$1.30 (packed wt. 3 lbs.) Quarts and gallons ask for price.

DORMANT SPRAY SET—Contains 1 pt. Ortho Rix and 1 pt. Volck Oil. Postpaid, \$2.25 per set (packed wt. $3\frac{3}{4}$ lbs.) Extra 4th zone and beyond.

BORDO MIXTURE—Postpaid, 1 lb. \$1.30. Send extra 4th zone and beyond.

ORTHO ROSE DUST—Postpaid, 10 oz. Plastic Squeeze Duster \$1.75. 1 lb. refill \$1.75.

VOLCK OIL SPRAY—For summer and dormant use against red spiders, scale insects, etc. Postpaid, 8 oz. 85c; pt. \$1.10 (packed wt. 2 lbs.); 1 qt. \$1.85 (packed wt. $3\frac{1}{4}$ lbs.) Extra 4th zone and beyond.

MILLER'S PRODUCTS

VEGETABLE DUST—An insecticide and fungicide dust for tomatoes, peas, beans, cucumbers, melons, cabbage and others. Safe to use on vegetables nearly up to harvest time. Postpaid, 8 oz. plastic squeeze gun \$1.25. Not prepaid: 1 lb. \$1.35; 2 lbs. \$1.75; 5 lbs. \$3.50.

MILLER'S BOOSTER POWDER—For house plants, flower boxes, roses and shrubs. Stimulates quick rooting and rapid growth. It supplements organic humus compost, rounding out complete plant feeding. Dilute with water. Postpaid, 1 lb. \$1.15. Not prepaid 2 lbs. \$1.25; 5 lbs. \$2.00.

MILLER'S GARDEN COMPOST MAKER—Converts weeds, leaves and garden rubbish into organic humus fertilizer. Not prepaid, 5 lbs. \$1.00.

MILLER'S SOILDUSTO—Used to control worms and insects in the soil or on top soil. Effective to control wireworms, Symphylids, and other pests. Good to protect bulbs when planting or storing. Postpaid, 4 oz. 70c; 10 oz. \$1.25; 2 lbs. \$2.85; 5 lbs. \$5.45. Beyond 4th zone add extra postage.

MILLER'S MALASPRA—50% Malathion—Aphids thrips, red spider, leaf hopper on flowers and vegetables. Postpaid, 4 oz. (packed wt. 12 oz.) \$1.25; 8 oz. (packed wt. 5 lb. 6 oz.) \$2.00 Extra 4th zone and beyond.

Plant Killers

2, 4, 5-T BLACKBERRY KILLER—8 oz. size will treat 800 sq. ft. 8 oz., $1\frac{1}{2}$ lb. packed, \$1.40; 16 oz., 3 lbs. packed, \$2.10; 32 oz., 4 lbs. packed, \$3.75. Postpaid, extra postage 4th zone and beyond.

IPC GRASS KILLER—To control perennial grasses, such as Quack, Johnson and Bermuda. 16 oz. 2 lbs. packed, \$1.60; 32 oz., 4 lbs. packed, \$2.65. Postpaid, extra postage 4th zone and beyond.

ORTHO P.B.C. (Weed and Grass Killer)—Kills all vegetation for 1 or more years. Driveways, paths, fencelines, etc. Non-Selective. 1 lb. 4 oz. Not prepaid, \$1.30.

WEEDONE CRAB GRASS KILLER—4 oz. \$1.45. Postpaid.

ORTHO WEED-B-GON—For control of Dandelion, Chickweed, Plantain, Japanese Clover, Thistle, Morning Glory and other weeds. Prices Postpaid, 8 oz. \$1.35; 1 pt. \$2.00; 1 qt. \$3.40. Extra 4th zone and beyond.

Sprayers, Implements

We carry a good list of Sprayers and Dusters. Ask for our special price list. Sent on request.

FOGG-IT GARDEN HOSE NOZZLE—Perfect for spraying young and tender plants such as Fuchsias, Begonias, etc., without injury to them. Ideal for lath and greenhouses. Postpaid, \$2.00.

PRUNING SHEARS (No. 609) — Wiss Pruner. Postpaid, \$3.80. Extra postage beyond 4th zone.

CENTROSPRAY—For sprinkling plants and flowers. Long curved tube with bulb attached. Can also be used to sprinkle clothes with gentle spray. Postpaid, 8 oz. \$1.65.

Rotenone "100" Dust

Very successful for controlling insects that eat or suck on plants. We can also supply this in liquid form. For dust, Postpaid, 1 lb. 75c; Not prepaid, 5 lbs. \$2.00. Write for prices on 50 lb. bags, also for prices on liquid Rotenone.

Treating Seeds, Bulbs, Plants

TRANSPLANTONE HORMONE POWDER—Stimulates the roots of plants, shrubs and trees. Postpaid, $\frac{1}{2}$ oz. pkg. 40c; 3 oz. can \$1.30.

ROOTONE — "THE HORMONE POWDER" — Postpaid, $\frac{1}{4}$ oz. pkt. 40c; 2 oz. jar \$1.40. Not prepaid 1 lb. can \$5.00 (see postal schedule). No solutions, no measuring, just dust, and plant. The 2 oz. jar treats up to 3000 cuttings.

FRUITONE—It aids in setting fruit thus preventing premature drop of the fruit, flowers or leaves. Used on holly to prevent berry drop. Postpaid, $2\frac{1}{2}$ oz. 35c; 2 oz. \$1.40. Write for quantity prices.

ARANSAN 75—Disinfectant and protectant for vegetable and lawn grass seeds. Postpaid, 1 oz. 65c; 8 oz. \$1.75; Wettable $5\frac{1}{2}$ oz. (will treat 100 lbs. of seed). Postpaid \$1.25.

SEMESAN BEL—A dip disinfectant for seed potatoes. Postpaid, 3 oz. pkt. \$1.60; not prepaid 1 lb. can \$3.30; 4 lbs. \$13.00.

TERSAN 75 — A fungicide for treatment of golf and lawn turfs. Postpaid, 8 oz. \$2.20. Not prepaid, 3 lbs. \$5.50.

THOMPSON'S FIX TABLETS (For Tomatoes)—Aids in setting fruit and makes them practically seedless: 4 tables to 1 qt. of water for spray.

NITRAGIN—Postpaid, 1 bottle (20 tablets) 35c.

Combination (AB) for Alfalfa and Clovers,

to treat 1 bu. each .80 2 bu. each .90

PEAS, VETCHES (C) for treating 100 lbs.90

BEANS (D) 1 bu. each90

GARDEN SIZE, Peas, Beans, Sweet Peas,

Lupines, Lima Beans, Edible Soybeans, ea. .30

SPECIAL CRIMSON and SUBTERRANEAN

CLOVER, 1 bu. size 1.00

SPECIAL LADINO CLOVER, $\frac{1}{8}$ bu. each30

SPECIAL LOTUS CLOVER, Birdsfoot Trefoil,

treat, 10 lb. size, each30



Does not wear off. Rust and weather proof. Package of 24 labels for 35c. Postpaid.

Hotcaps

Hotcaps protect growing plants, increase yields, mature crops 2 to 3 weeks earlier; insure premium prices. Order now. Prices prepaid to 4th zone. Beyond see zone schedule, page 48. Pkg. 20 for \$1.25; 100 for \$4.40; 250 for \$7.85. Not prepaid: 1000 for \$22.50, weighs 33 lbs. Write for prices on larger quantities.



ACE FLEA COLLARS (With Lindane)

No fuss, no muss. Adjustable and kills fleas fast. Lasts 2 or 3 months. For cats or dogs. In ordering state whether for dogs or cats. Each 55c. Postpaid.

ORTHO DOG POWDER—3 oz. Plastic Squeeze Duster. Postpaid 95c.

SCRAM—Dog repellent. Postpaid, 8 oz. 95c.

GRO-QUICK[®] ELECTRIC SEED BED HEATER

SEED UP IN 30 HOURS
ROOT CUTTINGS IN 6 DAYS
CUT GERMINATION TIME BY 75%
TRANSPLANT 2 WEEKS SOONER.



**ALL GRO-QUICK
PRICES POSTPAID**

Above enthusiastic reports from users tell what GRO-QUICK soil heating cable will do for you. FOR HOTBEDS — COLD FRAMES — PLANT BENCHES — FOR EARLY STARTING IN OPEN GROUND. Operates from household current. Shipped complete with instructions and plans.

The following 5 watt per foot cables are for use only in hotbeds with damp soil on the ground. Space 6" apart for 10 watts per sq. ft. of bed.

J40A for single sash bed or 20 sq. ft. has J40 cable & AT air thermo. **\$6.75**

S80A for double sash bed or 40 sq. ft. has S80 cable & AT air thermo. **9.00**

J40 115 V. cable 40' 200 W. for 20 sq. ft. \$2.25
S80 115 V. cable 80' 400 W. for 40 sq. ft. 4.50
S160 230 V. cable 160' 800 W. for 80 sq. ft. 8.50

The following 2½ watts per ft. cables should always be used in elevated beds or benches, or when flats are used or when special rooting mediums, such as sand, peat, or vermiculite are employed. Space 3" apart to obtain 10 watts per square foot of bed.

(The cables listed below can also be used to prevent freezing pipes, and when used for pipes must be used with FAT 35 degree thermostat with pilot light. \$4.50. Wrap-on insulation per 12 ft. of pipe, \$1.00.)

A6 115 V. 6' 15 W. for 1.5 sq. ft. \$1.00
B12 115 V. 12' 30 W. for 3 sq. ft. 1.80
M26 115 V. 26' 30 W. for 6 sq. ft. 2.80
J56 115 V. 56' 140 W. for 14 sq. ft. 3.00
S112 115 V. 112' 280 W. for 28 sq. ft. 6.00

The following thermostats work with any cable:
AT Air Thermo, 1000 W. 115 or 230 V. \$ 4.50
BT Bulb Thermostat

1700 W. 115 or 3400 W. 230 V. \$15.00

PLANT BOOSTERS

HYPONEX[®] PLANT FOOD

Grows Better Plants Faster

In SOIL, SAND or WATER

Simply dissolve and water all your houseplants, garden flowers, vegetables, shrubs, lawn. Produces more and larger flowers and fruit. Excellent for seedlings, cuttings, transplants. Clean, odorless. Won't burn foliage or roots if used as directed. Contains all nutritional elements — plus vitamin B1. Feeds instantly.



Guaranteed by
Good Housekeeping[®]
as NOT AN ADVERTISED PRODUCT

PRICES POSTPAID: 1 oz. 15c; 2 oz. 35c; 5 oz. 75c; 10 oz. \$1.35. Ask for prices on commercial sizes.

AFRICAN VIOLET PLANT MIX

Ideal for planting African violets. By Black Magic. Postpaid (120 cubic inches) 85c.

BLOSSOM BOOSTER

For African violets and Gloxinias. By Black Magic. Postpaid. 4 oz. 75c.

Ra-Pid-Gro

The original liquid plant food. Keeps plants growing vigorously. Follow directions. Won't burn. Feeds through buds, leaves and roots. ½ lb. Postpaid 95c; Not Prepaid, 1 lb. (packed wt. 1¼ lbs.) \$1.35; 5 lbs. (packed wt. 6 lbs.) \$4.75.

WATERPROOF MARKING PENCILS

Postpaid. Each 25c; 5 for \$1.00.

Twistems

The best plant tie. Continuous roll, handy and economical. Easily cut to any length to suit your tying needs. The only tie with a positive lock. Postpaid, Rolls of 250 ft., \$1.25; 100, 8", 45c; bundle 250, 7"x¼", 65c.

We can supply quantity lots for market gardeners or florists, cut in standard length of 4-7-8-10-12-16 inches. Write for prices giving length and quantities.

Grafting Wax

Postpaid to 4th zone. ¼ lb. 55c; ½ lb. 90c; 1 lb. \$1.25.



Rubber

Knee Pads

For weeding, planting or working in the garden or for berry picking. Wt. 1½ lb. Postpaid. \$2.95 per pair. Beyond 4th zone add extra postage.

Rodent Killers

FORCE'S MOLE KILLER — Pellets to be placed in runways. Postpaid. 1½ oz. 55c; 4 oz. \$1.15; 16 oz. \$3.30. A poison, so be careful about children.
MOLE TRAPS — Out of sight. Postpaid \$4.25.



Corry's Slug Death

Safe to use, contains no arsenics. Withstands rain and sprinkling and remains effective for several weeks. Attracts and kills both large and small slugs and snails. Easy to use. No spraying or dusting. Money back guarantee if not satisfied. Prices Not Prepaid. 1 lb. 60c; 2½ lbs. \$1.35; 5 lbs. \$2.50; 10 lbs. \$4.50; 25 lbs. \$10.00.

WOOD PLANT BANDS

Can furnish the following sizes:

2½x2½x2¾" 4x4x3½"
2x2x2¾" 2½x2½x2¾"
3x3x2¾" Write for prices.

PAINTED NURSERY and POT LABELS

3½" Wire Nurs. Labels

50 for 55c Postpaid
100 for 85c Postpaid
500 for \$2.35

Not Prepaid
(Wgt. 3 lbs.)

1000 for \$3.95

Not Prepaid
(Wgt. 5 lbs.)

4" Pot Labels

50 for 40c Postpaid
100 for 65c Postpaid
500 for \$1.95

Not Prepaid
(Wgt. 2 lbs.)

1000 for \$3.40

Not Prepaid
(Wgt. 4 lbs.)

5" Pot Labels

50 for 45c Postpaid
100 for 80c Postpaid
500 for \$2.20

Not Prepaid
(Wgt. 3 lbs.)

1000 for \$3.65

Not Prepaid
(Wgt. 5 lbs.)

6" Pot Labels

50 for 50c Postpaid
100 for 85c Postpaid
500 for \$2.35

Not Prepaid
(Wgt. 3 lbs.)

1000 for \$3.95

Not Prepaid
(Wgt. 6 lbs.)

STA-BRIGHT ALUMINUM LABELS

With wire ties. Rustproof. Always legible. Package of 25 for 40c. Postpaid.

Tree Seal

Unsurpassed for treating wounds, scratches, defects on fruit and shade trees. Also used after pruning. Not prepaid. 1 pt. (wt. 1 lb. 4 oz.) 65c; 1 qt. (wt. 2 lbs. 9 oz.) \$1.00.

CARCO-X

For The Practical Gardener

CARCO-X—A liquid concentrate that you mix with water. It acts as a Soil Treatment, Protective Repellent, Contact Insecticide, and Fungicide. To **PREVENT** Wormy Vegetables, Buggy Flowers, Sick Shrubs, and Weepy Trees. One quart of **CARCO-X** makes 25 to 50 gallons of solution. For directions ask for booklet "DeBugging Made Easy." Postpaid to 4th zone: ½ pint (glass), 2 lbs. packed, \$1.65; 1 pint can, 2 lbs. packed, \$2.35; 1 quart can, 3 lbs. packed, \$3.50; Not postpaid, 1 gallon can, wt. 10 lbs., \$9.90.

Jiffy-Pots

These Jiffy-Pots are made of peat moss and plant food. When seedlings are ready, plant pot and all. This shock-free transplanting increases total yield. Earlier start of plants results in earlier yield. Less water is required—less weeding, and less trouble and cost in controlling insects and diseases. **POSTPAID PRICES:** 2¼"—2 doz. 90c; 100 for \$2.60; 3"—1 doz. 75c; 100 for \$4.05.

TERRA-LITE or VERMICULITE

The soil conditioner that has proved beneficial in thousands of actual cases is Terra-Lite. Its granular structure breaks up even heaviest clay type soil, permits sandy soil to hold moisture. Develops strong hair root systems on flowers, vegetables and shrubs. Not prepaid.

½ Bu. (Wt. 3 lbs.)	\$.85 — Postage Extra
2 Bu. (Wt. 12 lbs.)	\$ 1.70 — Postage Extra

Pea Twine

Useful for many garden purposes. Per ball 25c; 2 for 45c; lb. \$1.30 (6 balls to lb.) Postpaid to 4th zone. Write for prices on larger quantities.

Corsage Kits

Contains ribbon, tape, wire, pins, leaves and colored chenille sufficient for a number of corsages. Postpaid. \$2.15 per kit.

Train-Etts

Weatherized Trellis Netting. Support for Sweet Peas, Garden Peas, Pole Beans, etc. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun, burns delicate tendrils.) Won't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 80c; No. 2, 60x96 in., \$1.00; No. 3, 60x180 in., \$1.40. Postpaid.

June Strawberries

PRICES UNIFORM. Postpaid. Doz. \$1.00; 25 for \$1.75; 50 for \$3.00; 100 for \$5.00; Not prepaid, 500 for \$15.00; 1000 for \$25.00; 5000 at \$24.00 per M.

MARSHALL—Standard type. One of the best for market and home use. Large, dark red fruit with deep red color clear through the berries. Exceptionally fine quality for freezing and canning.

NORTHWEST—Standard type. Large heart shaped, uniform berries with clear deep red through the fruit. Larger and heavier yielder than the Marshall. Vigorous plants producing a large cluster on high stems. Good for canning and freezing. Mid-season.

SILETZ—Standard type. It is outstanding for production, quality and vigorous growth. It is claimed to be the best for disease resistance. We believe it will become very popular for local markets, roadside stands and home gardens.

PUGET BEAUTY—Standard type. An excellent berry for fresh use and freezing. Many prefer it to the Marshall and the berries are firmer. Ideal jams, jellies and preserves. Strong vigorous plants, very large plants with upright habit. Compared with Northwest variety it makes few runners. Does best in upland rather heavy soils. Fairly resistant to red steale also quite resistant to mildew fungus. Excellent flavor.

ROSE LIST

See roses listed and described in our 1960 Fall Catalog. We will send a revised list upon request containing varieties available for early spring shipment. It will give revised prices. See page 25.

Strawberry Plants

They can be planted in October and early spring. Always select a well drained location convenient for watering the plants during the summer. We supply healthy, clean plants. It is not safe to order strawberry plants later than May 1st but they may be planted in October. No orders filled for less than one dozen. Sometimes there are delays in transportation. If the plants do not arrive in good condition advise us at once. Shipments into Canada require a permit before shipment. Write for prices on quantities.

Plants will not be sent C.O.D. Payment should accompany the order. When plants arrive they should be removed from the wrapper and place the roots in water overnight and plant the next day. If weather does not permit planting then plant in moist sand and soil and hold for proper weather. See list in Fall catalog 1960.

EVERBEARING VARIETIES

STREAMLINER—Delicious quality, producing heavy crops of large berries. Originated in Oregon and has made quite a sensation. It bears throughout the season from spring until late fall. It is especially good in sections East of the Cascade range. Postpaid. Doz. \$1.50; 25 for \$2.75; 50 for \$4.75; 100 for \$7.75; Not prepaid, 250 for \$14.50; 500 for \$25.00; 1000 for \$45.00.

TWENTIETH CENTURY—It rates very high for size, quality and production. A vigorous grower, producing large plants. Bright red fruit of fine texture and flavor. Interior color is very good. It generally starts to bear within 60 days after planting and continues until freezing weather. Doz. \$1.50; 25 for \$2.75; 50 for \$4.75; 100 for \$7.75; Postpaid. Not prepaid, 250 for \$14.50; 500 for \$25.00; 1000 for \$45.00.

RED RICH—Large, solid, rich-red throughout fruit. Heavy producer; excellent for table and freezing. A strong grower, loaded with blossoms, green and ripe berries. Excellent flavor and striking appearance. This variety patented and Trade Marked. Postpaid. Doz. \$2.95; 25 for \$5.00; 50 for \$8.50; 100 for \$15.00.

SHASTA—The famous strawberry of the Santa Clara Valley in California. In that location it is rated as an everbearing variety and irrigation is used. In Oregon it is rated as a two crop berry, that is a June crop and a fall crop; however with irrigation they are everbearing type. Early mid-season and a fine producer of very sweet berries. The extra large berries are firm and red clear through. We have received many fine reports on this variety. Very vigorous grower. Doz. \$1.35; 25 for \$2.25; 50 for \$3.25; 100 for \$6.00. Postpaid. Not Prepaid, 500 for \$17.00; 1000 for \$30.00; 5000 at \$28.00 per thousand.

LASSEN—A very popular strawberry in the large berry growing district between San Jose and Gilroy, California. Prices same as Shasta.

Commercial Fertilizers

Write for prices, stating quantity.

NOTICE—Readjustment in changing prices prevent us from quoting prices here. Prices are F.O.B. our shipping point and purchaser must pay transportation charges. Ask for complete current price list of Organic and Mineral Fertilizers.

SPAGHNUM MOSS

Has many uses such as germinating seeds, building up soil mediums, and its value is based on the high absorbent water holding capacity, due to its sponge-like texture. It is claimed that no "damping off" occurs when using this medium. Horticultural grade milled 10 oz. \$1.25; Long-fibred Sphagnum, 7 oz. 90c; Bulk Long-fibre 1 lb. \$1.25. Postpaid to 4th zone. Beyond 4th zone 1 lb. \$1.50.

SMALL FRUIT OFFERS

See Page 32 of our 1960 Fall Catalog. Orders will be accepted for mailing if received by May 1st.

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Zone Map and Parcel Post Rates

When ordering items marked "NOT PREPAID," you will save us a lot of correspondence, and your order will be sent more promptly, if you will include postage charges as shown here, with your remittance. Charges for Express or Freight shipments do not have to be figured as these will be collected by local agent at the time of delivery.

APPROXIMATE PARCEL POST CHARGES

This schedule gives you a quick method of estimating parcel post charges. Be sure to allow extra for wrapping. In other words, any article weighing one pound NET, would actually take the two pound rate of postage.

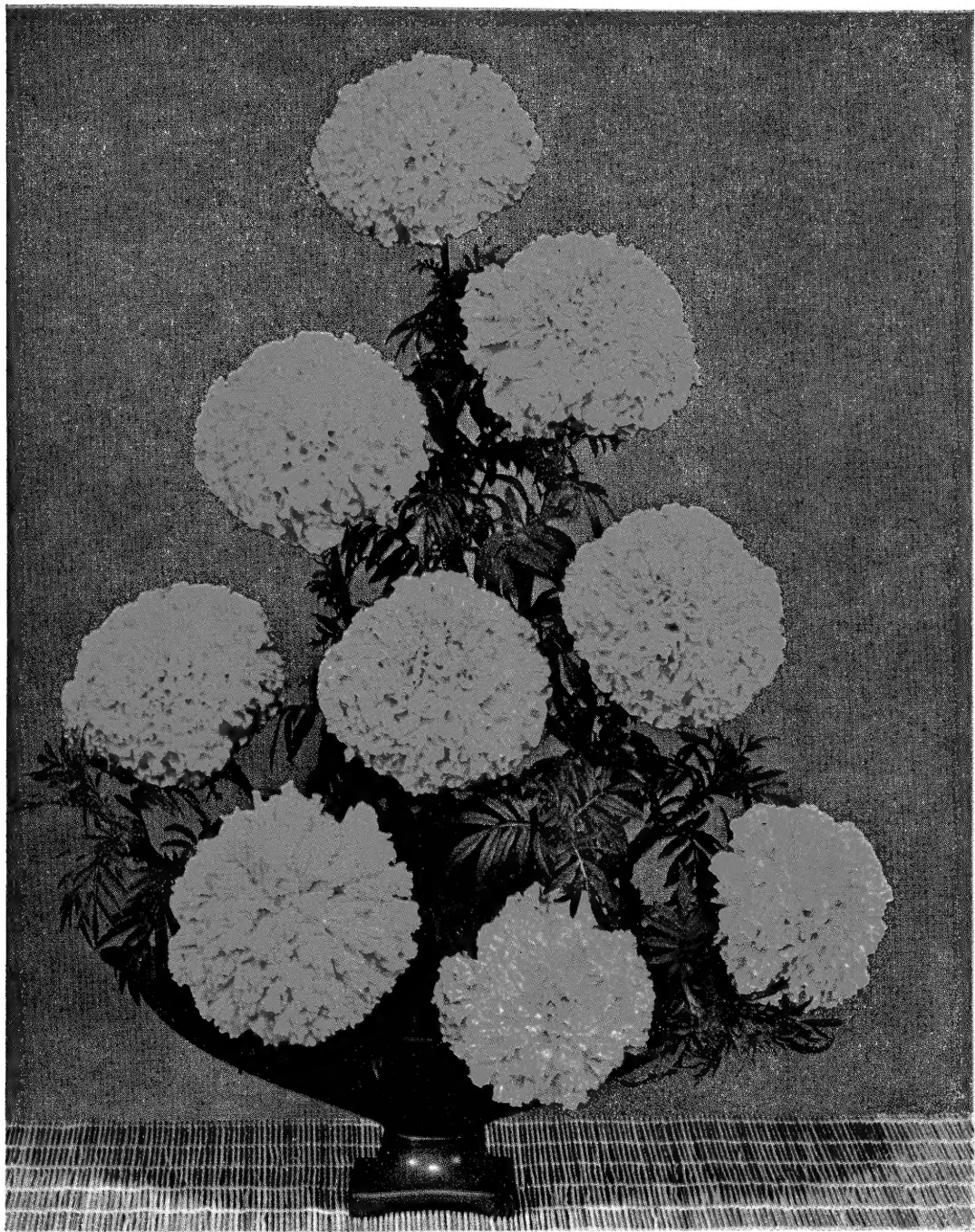
Overpayments Will Be Refunded

FOR POSTAGE ON PACKAGES WEIGHING LESS THAN ONE POUND, USE THE FOLLOWING RATES — (anywhere in the U. S., or its possessions). See right hand columns:

1 oz. .03c	9 oz. .13½
2 oz. .03	10 oz. .15
3 oz. .04½	11 oz. .16½
4 oz. .06	12 oz. .18
5 oz. .07½	13 oz. .19½
6 oz. .09	14 oz. .21
7 oz. .10½	15 oz. .22½
8 oz. .12	under 16 oz. .24

1st lb.	For each add'l. lb.	Zone	Miles from Shipping Point
.33	.05	1 & 2	Up to 150 miles
.35	.06	3rd	150 to 300 miles
.39	.08	4th	300 to 600 miles
.43	.10	5th	600 to 1000 miles
.51	.13	6th	1000 to 1400 miles
.58	.16	7th	1400 to 1800 miles
.64	.19	8th	Over 1800 miles





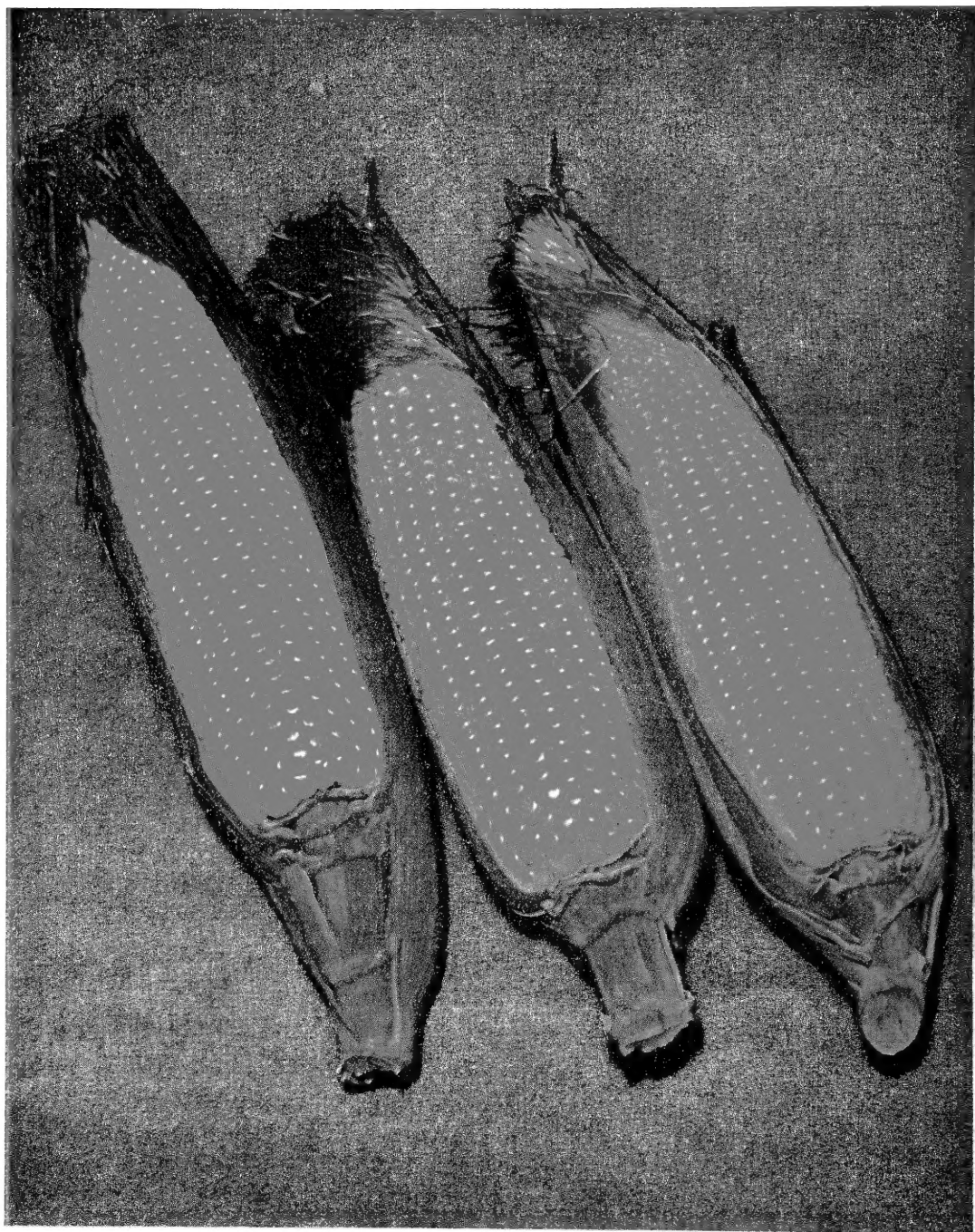
GILL'S NEVER BEFORE MARIGOLDS, YELLOW SHADES
(These Giant Marigolds, 5 to 6 inches in diameter. See Index)

Florist Gladiolus Offer No. 15

22 bulbs, 1¼ inches or more, in a fine mixture, postpaid, for \$1.00. This mixture is made from named sorts unlabeled and comprises large flowering varieties, chosen so as to give a good range of color. Our own selection in mixture. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 20c to each collection.

Glorious Gladiolus No. 16

30 medium size bulbs, 1 to 1½ inches in diameter, in splendid mixture, postpaid, for \$1.00. These will make fine blooms the first season. You will be surprised at the value you receive. This offer enables everyone to have a fine gladiolus garden, splendid value. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 20c to each collection.



NEW HYBRID SWEET CORN — BUTTER SWEET NO. 199

GILL BROS. Seed Co.

Spring Catalog 1961